



OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ATTACHMENT 5

DATA SET FOR BACKGROUND INVESTIGATION OF
ATMOSPHERIC CONSTITUENTS FOR RICHMOND,
VIRGINIA AREA

Annual Report and Plans for
INTERDISCIPLINARY STUDY OF ATMOSPHERIC PROCESSES
AND CONSTITUENTS OF THE MID-ATLANTIC COASTAL REGION

(NASA-CR-142822) INTERDISCIPLINARY STUDY OF ATMOSPHERIC PROCESSES AND CONSTITUENTS OF THE MID-ATLANTIC COASTAL REGION. ATTACHMENT 5: DATA SET FOR BACKGROUND INVESTIGATION OF ATMOSPHERIC (Old Dominion Univ. Research	N75-24164 Unclas G3/45 22895
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Grant NGL 47-003-067

May 1975

Attachment 5

DATA SET FOR BACKGROUND INVESTIGATION OF ATMOSPHERIC
CONSTITUENTS FOR RICHMOND, VIRGINIA AREA

September 25 - October 21, 1974

Submitted to the
Virginia State Air Pollution Control Board
(Data Format Same as for Nansemond River Experiment)

Sponsored by
NASA Office of University Affairs
Grant NGL 47-003-067

Prepared by the
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Submitted by the
Old Dominion University Research Foundation
P.O. Box 6173
Norfolk, Virginia 23508

May 1975

RICHMOND EXPERIMENT FALL 1974

ATM: RES. GROUP

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ORIGINAL PAGE IS
OF POOR QUALITY

RICHMOND

SEP 25 1974

1	*B												
2	*B												
3	*B												
4	*B												
5	*B												
6	*B												
7	*B												
8	*B												
9	*B												
10	*B												
11	*B												
12	*B	A											
13	*B	B											
14	*B	B											
15	*B	B											
16	*B	B											
17	*B	B											
18	*B	B											
19	*B	B											
20	*B	B											
21	*B	B											
22	*B	B											
23	*B	B											

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP

RICHMOND

- SEP 26 1974

0	B	C	F	H	I	L	N	*	*	I	T	V
1	B	C	F	G	J	K	M	*	*	S	T	U
2	B	C	F	G	J	K	M	*	*	S	T	U
3	B	C	F	G	J	K	M	*	*	S	T	U
4	B	C	F	G	J	K	M	*	*	S	T	U
5	B	C	F	G	J	K	M	*	*	S	T	U
6	B	C	F	G	J	K	M	*	*	S	T	U
7	B	C	F	G	J	K	M	*	*	S	T	U
8	B	C	F	G	J	K	M	*	*	S	T	U
9	B	C	F	G	J	K	M	*	*	S	T	U
10	B	C	F	G	J	K	M	*	*	S	T	U
11	B	C	F	G	J	K	M	*	*	S	T	U
12	B	C	F	G	J	K	M	*	*	S	T	U
13	B	C	F	G	J	K	M	*	*	S	T	U
14	B	C	F	G	J	K	M	*	*	S	T	U
15	B	C	F	G	J	K	M	*	*	S	T	U
16	B	C	F	G	J	K	M	*	*	S	T	U
17	B	C	F	G	J	K	M	*	*	S	T	U
18	B	C	F	G	J	K	M	*	*	S	T	U
19	B	C	F	G	J	K	M	*	*	S	T	U
20	B	C	F	G	J	K	M	*	*	S	T	U
21	B	C	F	G	J	K	M	*	*	S	T	U
22	B	C	F	G	J	K	M	*	*	S	T	U
23	B	C	F	G	J	K	M	*	*	S	T	U

HOOR	ND	NJ2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	26.00
	ND	NJ2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	26.00

RICHMOND

- SEP 27 1974

0	*	B	D	E	H	J	L	N	*	*	S	T	V
1	*	A	D	E	G	J	L	N	*	*	S	T	V
2	*	A	D	E	G	J	L	N	*	*	S	T	V
3	*	A	D	E	G	J	L	N	*	*	S	T	V
4	*	A	D	E	G	J	L	N	*	*	S	T	V
5	*	A	D	E	G	J	L	N	*	*	S	T	V
6	*	A	D	E	G	J	L	N	*	*	S	T	V
7	*	A	D	E	G	J	L	N	*	*	S	T	V
8	*	A	D	E	G	J	L	N	*	*	S	T	V
9	*	A	D	E	G	J	L	N	*	*	S	T	V
10	*	A	D	E	G	J	L	N	*	*	S	T	V
11	*	A	D	E	G	J	L	N	*	*	S	T	V
12	*	A	D	E	G	J	L	N	*	*	S	T	V
13	*	A	D	E	G	J	L	N	*	*	S	T	V
14	*	A	D	E	G	J	L	N	*	*	S	T	V
15	*	A	D	E	G	J	L	N	*	*	S	T	V
16	*	A	D	E	G	J	L	N	*	*	S	T	V
17	*	A	D	E	G	J	L	N	*	*	S	T	V
18	*	A	D	E	G	J	L	N	*	*	S	T	V
19	*	A	D	E	G	J	L	N	*	*	S	T	V
20	*	A	D	E	G	J	L	N	*	*	S	T	V
21	*	A	D	E	G	J	L	N	*	*	S	T	V
22	*	A	D	E	G	J	L	N	*	*	S	T	V
23	*	A	D	E	G	J	L	N	*	*	S	T	V

HOURL	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

- SEP 28 1974

00	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
01	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
02	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
03	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
04	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
05	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
06	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
07	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
08	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
09	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
10	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
11	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
12	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
13	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
14	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
15	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
16	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
17	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
18	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
19	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
20	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
21	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
22	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
23	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z
23	*A	C	D	E	F	G	H	I	J	K	L	M	N	O	*P	S	T	U	V	W	X	Y	Z

HOUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

SEP 30 1974

ORIGINAL PAGE IS
OF POOR QUALITY

0	*B	D	F	H	J	L	N	0	*	P	S	T	V
1	*A	C	F	G	I	K	M	0	*	P	S	T	V
2	*B	C	F	H	J	K	M	0	*	P	S	T	V
3	*A	C	F	H	J	K	M	0	*	P	S	T	V
4	*B	C	F	H	J	K	M	0	*	P	S	T	V
5	*A	C	F	H	J	K	M	0	*	P	S	T	V
6	*B	C	F	H	J	K	M	0	*	P	S	T	V
7	*A	C	F	H	J	K	M	0	*	P	S	T	V
8	*B	C	F	H	J	K	M	0	*	P	S	T	V
9	*A	C	F	H	J	K	M	0	*	P	S	T	V
10	*B	C	F	H	J	K	M	0	*	P	S	T	V
11	*A	C	F	H	J	K	M	0	*	P	S	T	V
12	*B	C	F	H	J	K	M	0	*	P	S	T	V
13	*A	C	F	H	J	K	M	0	*	P	S	T	V
14	*B	C	F	H	J	K	M	0	*	P	S	T	V
15	*A	C	F	H	J	K	M	0	*	P	S	T	V
16	*B	C	F	H	J	K	M	0	*	P	S	T	V
17	*A	C	F	H	J	K	M	0	*	P	S	T	V
18	*B	C	F	H	J	K	M	0	*	P	S	T	V
19	*A	C	F	H	J	K	M	0	*	P	S	T	V
20	*B	C	F	H	J	K	M	0	*	P	S	T	V
21	*A	C	F	H	J	K	M	0	*	P	S	T	V
22	*B	C	F	H	J	K	M	0	*	P	S	T	V
23	*A	C	F	H	J	K	M	0	*	P	S	T	V

HOURLY	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

- OCT 1 1974

0	*B	D	F	H	J	L	N	D	*Q	P	T	V
0	*A	C	E	G	I	K	M	D	Q	S	T	V
1	*B	D	F	H	J	L	N	D	Q	S	T	V
1	*A	C	E	G	I	K	M	D	Q	S	T	V
2	*B	D	F	H	J	L	N	D	Q	S	T	V
2	*A	C	E	G	I	K	M	D	Q	S	T	V
3	*B	D	F	H	J	L	N	D	Q	S	T	V
3	*A	C	E	G	I	K	M	D	Q	S	T	V
4	*B	D	F	H	J	L	N	D	Q	S	T	V
4	*A	C	E	G	I	K	M	D	Q	S	T	V
5	*B	D	F	H	J	L	N	D	Q	S	T	V
5	*A	C	E	G	I	K	M	D	Q	S	T	V
6	*B	D	F	H	J	L	N	D	Q	S	T	V
6	*A	C	E	G	I	K	M	D	Q	S	T	V
7	*B	D	F	H	J	L	N	D	Q	S	T	V
7	*A	C	E	G	I	K	M	D	Q	S	T	V
8	*B	D	F	H	J	L	N	D	Q	S	T	V
8	*A	C	E	G	I	K	M	D	Q	S	T	V
9	*B	D	F	H	J	L	N	D	Q	S	T	V
9	*A	C	E	G	I	K	M	D	Q	S	T	V
10	*B	D	F	H	J	L	N	D	Q	S	T	V
10	*A	C	E	G	I	K	M	D	Q	S	T	V
11	*B	D	F	H	J	L	N	D	Q	S	T	V
11	*A	C	E	G	I	K	M	D	Q	S	T	V
12	*B	D	F	H	J	L	N	D	Q	S	T	V
12	*A	C	E	G	I	K	M	D	Q	S	T	V
13	*B	D	F	H	J	L	N	D	Q	S	T	V
13	*A	C	E	G	I	K	M	D	Q	S	T	V
14	*B	D	F	H	J	L	N	D	Q	S	T	V
14	*A	C	E	G	I	K	M	D	Q	S	T	V
15	*B	D	F	H	J	L	N	D	Q	S	T	V
15	*A	C	E	G	I	K	M	D	Q	S	T	V
16	*B	D	F	H	J	L	N	D	Q	S	T	V
16	*A	C	E	G	I	K	M	D	Q	S	T	V
17	*B	D	F	H	J	L	N	D	Q	S	T	V
17	*A	C	E	G	I	K	M	D	Q	S	T	V
18	*B	D	F	H	J	L	N	D	Q	S	T	V
18	*A	C	E	G	I	K	M	D	Q	S	T	V
19	*B	D	F	H	J	L	N	D	Q	S	T	V
19	*A	C	E	G	I	K	M	D	Q	S	T	V
20	*B	D	F	H	J	L	N	D	Q	S	T	V
20	*A	C	E	G	I	K	M	D	Q	S	T	V
21	*B	D	F	H	J	L	N	D	Q	S	T	V
21	*A	C	E	G	I	K	M	D	Q	S	T	V
22	*B	D	F	H	J	L	N	D	Q	S	T	V
22	*A	C	E	G	I	K	M	D	Q	S	T	V
23	*B	D	F	H	J	L	N	D	Q	S	T	V
23	*A	C	E	G	I	K	M	D	Q	S	T	V

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

- OCT 2 1974

0	*B	D	F	H	J	L	N	O	*Q	PT	V	
0	*A	C	F	G	I	K	M	0	*Q	PT	V	
1	*A	C	F	G	I	K	M	0	*Q	PT	V	
1	*A	C	F	G	I	K	M	0	*Q	PT	V	
2	*A	C	F	G	I	K	M	0	*Q	PT	V	
2	*A	C	F	G	I	K	M	0	*Q	PT	V	
3	*A	C	F	G	I	K	M	0	*Q	PT	V	
3	*A	C	F	G	I	K	M	0	*Q	PT	V	
4	*A	C	F	G	I	K	M	0	*Q	PT	V	
4	*A	C	F	G	I	K	M	0	*Q	PT	V	
5	*A	C	F	G	I	K	M	0	*Q	PT	V	
5	*A	C	F	G	I	K	M	0	*Q	PT	V	
6	*A	C	F	G	I	K	M	0	*Q	PT	V	
6	*A	C	F	G	I	K	M	0	*Q	PT	V	
7	*A	C	F	G	I	K	M	0	*Q	PT	V	
7	*A	C	F	G	I	K	M	0	*Q	PT	V	
8	*A	C	F	G	I	K	M	0	*Q	PT	V	
8	*A	C	F	G	I	K	M	0	*Q	PT	V	
9	*A	C	F	G	I	K	M	0	*Q	PT	V	
9	*A	C	F	G	I	K	M	0	*Q	PT	V	
10	*A	C	F	G	I	K	M	0	*Q	PT	V	
10	*A	C	F	G	I	K	M	0	*Q	PT	V	
11	*A	C	F	G	I	K	M	0	*Q	PT	V	
11	*A	C	F	G	I	K	M	0	*Q	PT	V	
12	*A	C	F	G	I	K	M	0	*Q	PT	V	
12	*A	C	F	G	I	K	M	0	*Q	PT	V	
13	*A	C	F	G	I	K	M	0	*Q	PT	V	
13	*A	C	F	G	I	K	M	0	*Q	PT	V	
14	*A	C	F	G	I	K	M	0	*Q	PT	V	
14	*A	C	F	G	I	K	M	0	*Q	PT	V	
15	*A	C	F	G	I	K	M	0	*Q	PT	V	
15	*A	C	F	G	I	K	M	0	*Q	PT	V	
16	*A	C	F	G	I	K	M	0	*Q	PT	V	
16	*A	C	F	G	I	K	M	0	*Q	PT	V	
17	*A	C	F	G	I	K	M	0	*Q	PT	V	
17	*A	C	F	G	I	K	M	0	*Q	PT	V	
18	*A	C	F	G	I	K	M	0	*Q	PT	V	
18	*A	C	F	G	I	K	M	0	*Q	PT	V	
19	*A	C	F	G	I	K	M	0	*Q	PT	V	
19	*A	C	F	G	I	K	M	0	*Q	PT	V	
20	*A	C	F	G	I	K	M	0	*Q	PT	V	
20	*A	C	F	G	I	K	M	0	*Q	PT	V	
21	*A	C	F	G	I	K	M	0	*Q	PT	V	
21	*A	C	F	G	I	K	M	0	*Q	PT	V	
22	*A	C	F	G	I	K	M	0	*Q	PT	V	
22	*A	C	F	G	I	K	M	0	*Q	PT	V	
23	*A	C	F	G	I	K	M	0	*Q	PT	V	
23	*A	C	F	G	I	K	M	0	*Q	PT	V	
Hour	No	No2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	No	No2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

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HOUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP	
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

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001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	056	057	058	059	060	061	062	063	064	065	066	067	068	069	070	071	072	073	074	075	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200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HOUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM.	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

- OCT 6 1974

ORIGINAL PAGE
OF POOR QUALITY

001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	056	057	058	059	060	061	062	063	064	065	066	067	068	069	070	071	072	073	074	075	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200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HOOR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	30.00	30.00	100.00	100.00	5000.00	30.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

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0	*	A	B	D	E	FH	G	J	K	M	N	Q	P	S	TIV
1	*	A	B	C	E	HF	G	J	L	M	N	Q	P	S	*IV
2	*	A	B	C	E	IG	H	J	K	M	N	Q	P	S	*IV
3	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
4	*	A	B	C	E	IG	H	J	K	M	N	Q	P	S	*IV
5	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
6	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
7	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
8	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
9	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
10	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
11	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
12	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
13	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
14	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
15	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
16	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
17	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
18	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
19	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
20	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
21	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
22	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV
23	*	A	B	C	E	HG	H	J	K	M	N	Q	P	S	*IV

HOURL	NO	NJ2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NJ2	NOX	OZONE	SULFUR	HYD-CRB	NOX	8-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

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- OCT 10 1974

0	*B	D	F	G	H	J	L	N	O	Q	P	S	T	I	V		
1	*A	C	E		I		K	M		*	P	S	T	*	V		
2	*B	D	E	G	HJ		L	N		Q	P	S	T	*	V		
3	*A	C	E		I		K	M		Q	P	S	T	*	V		
4	*B	D	E	G	HJ		L	N		Q	P	S	T	*	V		
5	*A	C	E		I		K	M		Q	P	S	T	*	V		
6	*B	D	E	G	HJ		L	N		Q	P	S	T	*	V		
7	*A	C	E		I		K	M		Q	P	S	T	*	V		
8	*B	D	E	G	HJ		L	N		Q	P	S	T	*	V		
9	*A	C	E		I		K	M		Q	P	S	T	*	V		
10	*B	D	E	G	HJ		L	N		Q	P	S	T	*	V		
11	*A	C	E		I		K	M		Q	P	S	T	*	V		
12	*B	D	E		I		K	M		Q	P	S	T	*	V		
13	*A	C	E		I		K	M		Q	P	S	T	*	V		
14	*B	D	E		I		K	M		Q	P	S	T	*	V		
15	*A	C	E		I		K	M		Q	P	S	T	*	V		
16	*B	D	E		I		K	M		Q	P	S	T	*	V		
17	*A	C	E		I		K	M		Q	P	S	T	*	V		
18	*B	D	E		I		K	M		Q	P	S	T	*	V		
19	*A	C	E		I		K	M		Q	P	S	T	*	V		
20	*B	D	E		I		K	M		Q	P	S	T	*	V		
21	*A	C	E		I		K	M		Q	P	S	T	*	V		
22	*B	D	E		I		K	M		Q	P	S	T	*	V		
23	*A	C	E		I		K	M		Q	P	S	T	*	V		

HOOR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WNO-DR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

OCT 11 1974

0	*B	D	F	G	HJ	L	N	O	*P	S	T	V
0	*A	C	F	H	HJ	K	M	D	Q	S	T	U
1	*B	C	F	G	HJ	K	M	D	Q	S	T	U
1	*A	C	F	H	HJ	K	M	D	Q	S	T	U
2	*B	C	F	H	HJ	K	M	D	Q	S	T	U
2	*A	C	F	H	HJ	K	M	D	Q	S	T	U
3	*B	C	F	H	HJ	K	M	D	Q	S	T	U
3	*A	C	F	H	HJ	K	M	D	Q	S	T	U
4	*B	C	F	H	HJ	K	M	D	Q	S	T	U
4	*A	C	F	H	HJ	K	M	D	Q	S	T	U
5	*B	C	F	H	HJ	K	M	D	Q	S	T	U
5	*A	C	F	H	HJ	K	M	D	Q	S	T	U
6	*B	C	F	H	HJ	K	M	D	Q	S	T	U
6	*A	C	F	H	HJ	K	M	D	Q	S	T	U
7	*B	C	F	H	HJ	K	M	D	Q	S	T	U
7	*A	C	F	H	HJ	K	M	D	Q	S	T	U
8	*B	C	F	H	HJ	K	M	D	Q	S	T	U
8	*A	C	F	H	HJ	K	M	D	Q	S	T	U
9	*B	C	F	H	HJ	K	M	D	Q	S	T	U
9	*A	C	F	H	HJ	K	M	D	Q	S	T	U
10	*B	C	F	H	HJ	K	M	D	Q	S	T	U
10	*A	C	F	H	HJ	K	M	D	Q	S	T	U
11	*B	C	F	H	HJ	K	M	D	Q	S	T	U
11	*A	C	F	H	HJ	K	M	D	Q	S	T	U
12	*B	C	F	H	HJ	K	M	D	Q	S	T	U
12	*A	C	F	H	HJ	K	M	D	Q	S	T	U
13	*B	C	F	H	HJ	K	M	D	Q	S	T	U
13	*A	C	F	H	HJ	K	M	D	Q	S	T	U
14	*B	C	F	H	HJ	K	M	D	Q	S	T	U
14	*A	C	F	H	HJ	K	M	D	Q	S	T	U
15	*B	C	F	H	HJ	K	M	D	Q	S	T	U
15	*A	C	F	H	HJ	K	M	D	Q	S	T	U
16	*B	C	F	H	HJ	K	M	D	Q	S	T	U
16	*A	C	F	H	HJ	K	M	D	Q	S	T	U
17	*B	C	F	H	HJ	K	M	D	Q	S	T	U
17	*A	C	F	H	HJ	K	M	D	Q	S	T	U
18	*B	C	F	H	HJ	K	M	D	Q	S	T	U
18	*A	C	F	H	HJ	K	M	D	Q	S	T	U
19	*B	C	F	H	HJ	K	M	D	Q	S	T	U
19	*A	C	F	H	HJ	K	M	D	Q	S	T	U
20	*B	C	F	H	HJ	K	M	D	Q	S	T	U
20	*A	C	F	H	HJ	K	M	D	Q	S	T	U
21	*B	C	F	H	HJ	K	M	D	Q	S	T	U
21	*A	C	F	H	HJ	K	M	D	Q	S	T	U
22	*B	C	F	H	HJ	K	M	D	Q	S	T	U
22	*A	C	F	H	HJ	K	M	D	Q	S	T	U
23	*B	C	F	H	HJ	K	M	D	Q	S	T	U
23	*A	C	F	H	HJ	K	M	D	Q	S	T	U

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	8-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

ORIGINAL PAGE IS
OF POOR QUALITY

RICHMOND

OCT 12 1974

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23	*B												

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

ORIGINAL PAGE IS
OF POOR QUALITY

RICHMOND

OCT 13 1974

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19	*B												
20	*B												
21	*B												
22	*B												
23	*B												

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

ORIGINAL PAGE IS
OF POOR QUALITY

RICHMOND

OCT 14 1974

0	*B	D	F	H	L	P	*	S	T	V	
0	*A	C	E	G	K	P	Q	S	T	V	
1	*B	C	E	I	L	P	Q	S	T	V	
1	*A	C	E	H	K	P	Q	S	T	V	
2	*B	C	E	J	N	P	Q	S	T	V	
2	*A	C	E	I	L	P	Q	S	T	V	
3	*B	C	E	H	K	P	Q	S	T	V	
3	*A	C	E	J	N	P	Q	S	T	V	
4	*B	C	E	I	L	P	Q	S	T	V	
4	*A	C	E	H	K	P	Q	S	T	V	
5	*B	C	E	J	N	P	Q	S	T	V	
5	*A	C	E	I	L	P	Q	S	T	V	
6	*B	C	E	H	K	P	Q	S	T	V	
6	*A	C	E	J	N	P	Q	S	T	V	
7	*B	C	E	I	L	P	Q	S	T	V	
7	*A	C	E	H	K	P	Q	S	T	V	
8	*B	C	E	J	N	P	Q	S	T	V	
8	*A	C	E	I	L	P	Q	S	T	V	
9	*B	C	E	H	K	P	Q	S	T	V	
9	*A	C	E	J	N	P	Q	S	T	V	
10	*B	C	E	I	L	P	Q	S	T	V	
10	*A	C	E	H	K	P	Q	S	T	V	
11	*B	C	E	J	N	P	Q	S	T	V	
11	*A	C	E	I	L	P	Q	S	T	V	
12	*B	C	E	H	K	P	Q	S	T	V	
12	*A	C	E	J	N	P	Q	S	T	V	
13	*B	C	E	I	L	P	Q	S	T	V	
13	*A	C	E	H	K	P	Q	S	T	V	
14	*B	C	E	J	N	P	Q	S	T	V	
14	*A	C	E	I	L	P	Q	S	T	V	
15	*B	C	E	H	K	P	Q	S	T	V	
15	*A	C	E	J	N	P	Q	S	T	V	
16	*B	C	E	I	L	P	Q	S	T	V	
16	*A	C	E	H	K	P	Q	S	T	V	
17	*B	C	E	J	N	P	Q	S	T	V	
17	*A	C	E	I	L	P	Q	S	T	V	
18	*B	C	E	H	K	P	Q	S	T	V	
18	*A	C	E	J	N	P	Q	S	T	V	
19	*B	C	E	I	L	P	Q	S	T	V	
19	*A	C	E	H	K	P	Q	S	T	V	
20	*B	C	E	J	N	P	Q	S	T	V	
20	*A	C	E	I	L	P	Q	S	T	V	
21	*B	C	E	H	K	P	Q	S	T	V	
21	*A	C	E	J	N	P	Q	S	T	V	
22	*B	C	E	I	L	P	Q	S	T	V	
22	*A	C	E	H	K	P	Q	S	T	V	
23	*B	C	E	J	N	P	Q	S	T	V	
23	*A	C	E	I	L	P	Q	S	T	V	

1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

* OCT 15 1974

0	*B	D	F	H	L	N	P	S	T	V
0	*A	D	F	H	K	N	Q	S	T	V
1	*B	D	F	H	K	N	Q	S	T	V
1	*A	D	F	H	K	N	Q	S	T	V
2	*B	D	F	H	K	N	Q	S	T	V
2	*A	D	F	H	K	N	Q	S	T	V
3	*B	D	F	H	K	N	Q	S	T	V
3	*A	D	F	H	K	N	Q	S	T	V
4	*B	D	F	H	K	N	Q	S	T	V
4	*A	D	F	H	K	N	Q	S	T	V
5	*B	D	F	H	K	N	Q	S	T	V
5	*A	D	F	H	K	N	Q	S	T	V
6	*B	D	F	H	K	N	Q	S	T	V
6	*A	D	F	H	K	N	Q	S	T	V
7	*B	D	F	H	K	N	Q	S	T	V
7	*A	D	F	H	K	N	Q	S	T	V
8	*B	D	F	H	K	N	Q	S	T	V
8	*A	D	F	H	K	N	Q	S	T	V
9	*B	D	F	H	K	N	Q	S	T	V
9	*A	D	F	H	K	N	Q	S	T	V
10	*B	D	F	H	K	N	Q	S	T	V
10	*A	D	F	H	K	N	Q	S	T	V
11	*B	D	F	H	K	N	Q	S	T	V
11	*A	D	F	H	K	N	Q	S	T	V
12	*B	D	F	H	K	N	Q	S	T	V
12	*A	D	F	H	K	N	Q	S	T	V
13	*B	D	F	H	K	N	Q	S	T	V
13	*A	D	F	H	K	N	Q	S	T	V
14	*B	D	F	H	K	N	Q	S	T	V
14	*A	D	F	H	K	N	Q	S	T	V
15	*B	D	F	H	K	N	Q	S	T	V
15	*A	D	F	H	K	N	Q	S	T	V
16	*B	D	F	H	K	N	Q	S	T	V
16	*A	D	F	H	K	N	Q	S	T	V
17	*B	D	F	H	K	N	Q	S	T	V
17	*A	D	F	H	K	N	Q	S	T	V
18	*B	D	F	H	K	N	Q	S	T	V
18	*A	D	F	H	K	N	Q	S	T	V
19	*B	D	F	H	K	N	Q	S	T	V
19	*A	D	F	H	K	N	Q	S	T	V
20	*B	D	F	H	K	N	Q	S	T	V
20	*A	D	F	H	K	N	Q	S	T	V
21	*B	D	F	H	K	N	Q	S	T	V
21	*A	D	F	H	K	N	Q	S	T	V
22	*B	D	F	H	K	N	Q	S	T	V
22	*A	D	F	H	K	N	Q	S	T	V
23	*B	D	F	H	K	N	Q	S	T	V
23	*A	D	F	H	K	N	Q	S	T	V

HOOR	NO	NJ2	NDX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NJ2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

- OCT 16 1974

HOUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

OCT 17 1974

HR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
HR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

- OCT 18 1974

0	*B	D	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
2	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
3	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
4	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
5	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
6	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
7	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
8	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
9	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
10	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
11	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
12	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
13	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
14	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
15	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
16	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
17	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
18	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
19	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
20	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
21	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
22	*B	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
23	*A	C	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V

HOOR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

ORIGINAL PAGE IS
OF POOR QUALITY

RICHMOND

OCT 19 1974

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19	B												
20	B												
21	B												
22	B												
23	B												

HRUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP	
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

* OCT 20 1974

ORIGINAL PAGE IS
OF POOR QUALITY

[illegible]

HOURLY	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
HOURLY	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

OCT 21 1974

ORIGINAL PAGE 10
OF POOL QUANTITY

00	B												
01	A												
02	B												
03	A												
04	B												
05	A												
06	B												
07	A												
08	B												
09	A												
10	B												
11	A												
12	B												
13	A												
14	B												
15	A												
16	B												
17	A												
18	B												
19	A												
20	B												
21	A												
22	B												
23	A												

HOOR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	NOX	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	50.00	400.00	1.50	20.00	20.00	20.00

RICHMOND

- SEP 25 1974

ORIGINAL PAGE IS
OF GOOD QUALITY

HRUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	PARTS PER BILLION												*	KM	**	%	MPH	N	C	C
1	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
2	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
3	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
4	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
5	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
6	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
7	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
8	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
9	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
10	0	0	0	0	0	0	0	0	227	227	0	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
11	15	0	10	0	78	0	14	0	227	227	24	0	-4	-4	-2.00	-9	-2	-2	-2.0	-2.0
12	13	15	6	8	78	0	8	8	227	227	19	20	-4	-4	-2.00	-9	-2	-2	19.3	21.4
13	14	14	7	7	82	81	-1	-1	227	227	19	20	-4	-4	-2.00	-9	-2	-2	19.9	22.5
14	13	13	7	7	87	89	45	52	4109	4126	17	17	-4	-4	-2.00	-9	7	270	21.7	21.9
15	12	13	7	7	89	88	28	26	3545	3570	16	15	-4	-4	-2.00	-9	7	315	21.7	22.5
16	9	9	6	7	89	91	28	29	2613	2664	13	14	-4	-4	-2.00	-9	6	270	20.8	21.9
17	7	7	5	5	78	83	14	12	1689	1595	10	10	-4	-4	-2.00	-9	6	225	19.7	21.1
18	7	7	5	5	69	81	6	-1	1826	1869	8	10	-4	-4	-2.00	-9	5	225	17.0	18.7
19	6	7	7	5	69	84	-1	-1	1809	2048	10	10	-4	-4	-2.00	-9	1	225	14.7	16.0
20	7	8	7	7	71	84	-1	-1	2040	2553	13	13	-4	-4	-2.00	-9	3	225	13.6	14.7
21	6	6	6	8	65	80	-1	8	2613	2621	11	14	-4	-4	-2.00	-9	5	225	16.6	14.7
22	5	5	7	10	55	72	6	12	2536	2604	11	14	-4	-4	-2.00	-9	8	225	16.1	13.3
23	4	5	5	10	46	61	0	12	2442	2450	10	14	-4	-4	-2.00	-9	5	225	11.4	12.3

**1/MEGAMETERS

***CAL/SQUARE CM-MIN

RICHMOND

SEP 26 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	7	7	6	8	38	60	0	8	2305	2313	11	13	-4	-4	-2.00	-9	0	270	10.5	13.1
1	7	7	6	7	40	53	0	0	2254	2331	10	12	-4	-4	-2.00	-9	0	225	9.6	9.1
2	7	7	6	7	39	47	0	0	2228	2279	10	11	-4	-4	-2.00	-9	0	270	9.2	8.5
3	8	10	6	8	29	56	0	0	2091	2134	10	12	-4	-4	-2.00	-9	0	270	8.7	8.8
4	7	8	5	7	32	53	0	0	2142	2313	11	13	-4	-4	-2.00	-9	3	270	8.7	8.8
5	5	6	5	7	28	53	0	0	2228	2339	9	12	-4	-4	-2.00	-9	0	270	8.6	8.2
6	5	6	7	8	39	47	6	6	2288	2399	11	13	-4	-4	-2.00	-9	0	315	8.2	7.5
7	6	6	7	9	35	47	6	6	2279	2305	11	13	-4	-4	-2.00	-9	0	270	8.0	7.7
8	7	8	6	8	20	49	6	0	2288	2365	11	16	-4	-4	-2.00	-9	0	270	9.1	10.4
9	7	10	14	15	44	47	0	0	2510	2673	20	23	-4	-4	-2.00	-9	3	315	12.7	18.7
10	4	4	16	13	60	64	0	0	2570	2621	20	19	-4	-4	-2.00	-9	5	315	17.4	24.6
11	3	5	11	10	73	84	0	0	2365	2476	13	13	-4	-4	-2.00	-9	4	270	20.8	27.6
12	4	4	7	4	93	92	6	6	2356	2450	9	10	-4	-4	-2.00	-9	3	270	23.3	27.0
13	3	4	4	4	93	95	6	6	2784	2895	7	8	-4	-4	-2.00	-9	4	225	23.6	28.4
14	3	3	4	4	94	95	0	0	3254	3109	8	8	-4	-4	-2.00	-9	6	270	24.9	21.4
15	3	3	4	4	92	93	0	0	2664	2476	8	8	-4	-4	-2.00	-9	5	270	25.6	25.9
16	3	3	3	3	85	93	0	0	2168	2339	8	8	-4	-4	-2.00	-9	6	225	23.5	25.1
17	3	3	3	3	79	91	0	0	2305	2399	8	8	-4	-4	-2.00	-9	5	225	21.3	24.3
18	3	3	4	4	72	91	0	0	2262	2476	8	8	-4	-4	-2.00	-9	4	180	19.0	21.4
19	3	3	3	3	76	93	0	0	2228	2134	8	8	-4	-4	-2.00	-9	0	225	16.5	18.2
20	4	4	13	5	69	91	0	6	2271	2570	13	7	-4	-4	-2.00	-9	0	180	15.4	18.2
21	4	4	13	7	61	89	0	0	2527	2852	14	8	-4	-4	-2.00	-9	6	180	14.7	16.5
22	3	3	6	5	58	83	0	6	2519	2655	8	8	-4	-4	-2.00	-9	4	225	13.8	15.2
23	3	3	4	4	48	63	0	0	2382	2305	8	8	-4	-4	-2.00	-9	4	225	12.5	12.5

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

SEP 27 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KH	**	%	MPH	N	C	C
0	3	7	3	3	44	39	0	0	2313	2553	5	7	-2	-2	-2.00	-9	2	180	11.8	11.7
1	5	20	3	18	33	51	0	0	2425	2630	6	6	-2	-2	-2.00	-9	0	180	11.1	11.4
2	7	20	7	18	26	49	6	6	2519	2655	10	20	-2	-2	-2.00	-9	0	180	10.7	11.4
3	8	17	6	14	24	39	8	8	2296	2459	9	16	-2	-2	-2.00	-9	4	180	10.0	11.2
4	9	10	6	8	27	53	8	8	2339	2365	10	11	-2	-2	-2.00	-9	0	225	9.5	9.3
5	7	8	4	4	18	39	6	6	2416	2664	7	7	-2	-2	-2.00	-9	0	225	8.7	9.8
6	6	8	4	6	22	69	6	6	2416	2536	6	8	-2	-2	-2.00	-9	3	225	8.4	10.9
7	4	6	3	5	20	47	0	0	2373	2433	6	7	-2	-2	-2.00	-9	0	315	8.2	9.3
8	6	27	3	16	42	35	6	6	2348	2425	8	17	-2	-2	-2.00	-9	0	315	10.2	12.8
9	11	23	5	13	0	32	30	0	2408	2493	11	21	-2	-2	-2.00	-9	0	180	13.2	19.8
10	6	8	5	5	23	51	0	0	2279	2237	8	8	-2	-2	-2.00	-9	0	225	16.8	21.6
11	5	5	5	5	50	82	0	0	2151	2185	9	8	-2	-2	-2.00	-9	4	180	20.4	23.8
12	7	8	3	7	80	85	0	0	2373	2484	9	9	132	30	-2.00	-9	8	180	23.5	25.9
13	5	7	5	6	97	101	0	0	2527	2596	5	5	127	31	-2.00	-9	10	180	24.4	27.0
14	5	5	3	5	109	111	0	0	2356	2442	5	5	117	33	-2.00	-9	8	180	24.0	24.9
15	6	7	5	5	104	107	0	0	2245	2288	5	5	117	33	-2.00	-9	6	180	24.4	24.9
16	5	5	3	5	90	96	0	0	2365	2519	5	6	117	33	-2.00	-9	4	180	22.9	23.8
17	5	5	4	5	94	96	0	0	2348	2502	4	5	127	31	-2.00	-9	4	180	22.7	24.6
18	6	7	5	5	94	98	0	0	2365	2544	6	6	122	32	-2.00	-9	3	180	19.3	19.5
19	7	8	5	5	81	92	0	0	2313	2425	5	6	117	33	-2.00	-9	0	180	17.2	17.6
20	7	8	6	9	82	85	0	0	2467	2587	6	10	107	37	-2.00	-9	0	180	16.5	16.8
21	8	12	8	10	85	88	0	0	2493	2579	8	11	102	38	-2.00	-9	0	225	15.9	15.5
22	9	15	7	14	69	77	0	0	2510	2698	10	15	107	37	-2.00	-9	0	180	15.7	15.3
23	10	14	9	19	65	74	0	0	2450	2570	10	23	107	37	-2.00	-9	0	180	16.1	17.4

*0.1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

SEP 28 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
PARTS PER BILLION																				
0	2	2	0	27	56	63	8	8	2510	2715	13	28	117	33	-2.00	29	0	180	17.0	17.4
1	2	2	2	37	52	52	0	0	2493	2963	11	40	132	30	-2.00	29	0	225	17.4	17.4
2	5	8	25	37	0	14	8	17	2604	2895	20	45	127	31	-2.00	29	0	180	17.5	17.6
3	5	4	27	27	16	39	11	11	2750	2750	30	30	122	32	-2.00	29	0	180	17.5	17.9
4	4	4	22	22	33	41	0	0	2638	2767	23	23	117	33	-2.00	29	5	180	17.9	17.9
5	2	2	20	17	33	36	0	0	2561	2673	20	19	112	35	-2.00	29	7	180	19.9	18.2
6	2	2	12	15	18	37	0	0	2296	2476	13	11	107	37	-2.00	29	0	180	20.0	18.4
7	0	0	10	11	38	40	0	0	2561	2767	10	10	92	42	-2.00	29	6	180	18.6	19.0
8	0	0	7	8	43	49	0	0	2450	2493	8	8	82	48	-2.00	29	9	135	19.1	19.2
9	0	0	6	7	49	87	0	0	2262	2399	7	7	57	69	-2.00	29	10	135	20.8	21.1
10	0	0	6	6	68	71	0	0	1886	1971	5	5	32	123	-2.00	29	8	180	22.4	23.8
11	0	0	4	4	66	69	0	0	2142	1946	5	5	32	123	-2.00	29	7	180	22.7	23.5
12	0	0	3	3	70	73	0	0	1946	2091	5	5	37	106	-2.00	29	6	180	23.5	24.6
13	0	0	3	3	58	66	0	0	1775	1954	5	5	32	123	-2.00	29	5	225	23.5	24.1
14	0	0	2	2	73	75	0	0	1741	1800	5	5	32	123	-2.00	29	4	225	26.1	28.1
15	0	0	3	3	70	72	0	0	1783	1920	5	5	27	146	-2.00	29	4	225	27.0	28.9
16	0	0	3	3	65	72	0	0	1818	1971	5	5	37	106	-2.00	29	4	225	26.7	28.4
17	0	0	3	3	68	76	0	0	1749	1963	5	5	27	146	-2.00	29	4	225	26.1	27.6
18	0	0	2	2	66	79	0	0	1612	1783	5	5	27	146	-2.00	29	4	225	24.5	25.7
19	0	0	2	2	45	75	0	0	1800	1937	5	5	27	146	-2.00	29	3	225	22.9	23.5
20	0	0	2	2	42	72	0	0	1835	2048	5	5	32	123	-2.00	29	4	225	22.2	23.3
21	0	0	6	3	33	64	0	0	1877	2040	5	5	37	106	-2.00	29	4	225	21.8	22.5
22	0	0	6	4	35	62	0	0	1766	1775	6	5	42	93	-2.00	29	0	225	21.3	21.9
23	3	0	5	4	47	71	0	0	2031	2040	6	5	47	83	-2.00	29	0	225	21.1	21.6

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

- SEP 29 1974

HRUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-5C	VSB	SRAO	RH	WSPD	WDIR	T-15	T-75	
													*	KM	**	%	MPH	N	C	C	
	0	0	0	0	0	55	73	0	0	2331	2125	3	3	32	123	-2.00	29	3	180	20.4	20.8
	1	0	0	0	0	27	61	0	0	2160	1886	3	3	40	98	-2.00	29	3	180	20.4	21.1
	2	0	0	0	0	29	49	0	0	2074	1826	3	3	39	101	-2.00	29	4	180	20.2	21.1
	3	0	0	0	0	45	59	0	0	2142	2125	3	3	47	83	-2.00	29	5	180	21.1	21.9
	4	0	0	0	0	53	62	0	0	2125	2408	3	3	57	69	-2.00	29	7	180	21.5	21.9
	5	0	0	0	0	48	60	0	0	2219	2416	3	3	62	63	-2.00	29	6	180	21.1	21.6
	6	0	0	0	0	46	59	0	0	1971	1946	3	3	57	69	-2.00	29	7	180	20.8	21.1
	7	0	0	0	0	48	59	0	0	2083	2202	3	3	57	69	-2.00	29	8	180	20.6	21.1
	8	0	0	0	0	57	60	0	0	2194	2322	3	3	62	63	-2.00	29	8	225	21.5	23.3
	9	0	0	0	0	68	74	0	0	2100	2219	4	4	72	54	-2.00	29	11	225	23.3	25.7
	10	0	0	0	0	77	81	0	0	1869	1989	4	4	77	51	-2.00	29	10	225	25.1	27.0
	11	0	0	0	0	84	87	0	0	2066	2237	4	4	72	54	-2.00	29	14	225	30.1	33.5
	12	0	0	0	0	94	92	0	0	2048	2168	4	4	72	54	-2.00	29	12	225	28.1	30.0
	13	0	0	0	0	104	106	0	0	1689	1843	5	5	67	58	-2.00	29	13	270	28.7	30.0
	14	0	0	0	0	107	108	0	0	2006	2100	5	5	57	69	-2.00	29	11	270	29.6	30.0
	15	0	0	0	0	101	103	0	0	2066	2142	5	5	42	93	-2.00	29	10	270	28.1	30.0
	16	0	0	0	0	103	103	0	0	2083	2245	5	5	42	93	-2.00	29	10	270	27.8	28.6
	17	0	0	0	0	97	101	0	0	1818	1954	5	5	32	123	-2.00	29	8	270	26.1	28.1
	18	0	0	0	0	96	100	0	0	2023	2151	4	4	32	123	-2.00	29	8	315	23.8	24.6
	19	0	0	0	0	90	94	0	0	2117	2245	4	4	32	123	-2.00	29	8	270	21.7	21.9
	20	0	0	0	0	89	93	0	0	2134	2254	4	4	27	146	-2.00	29	10	315	20.0	20.6
	21	0	0	0	0	84	87	0	0	1963	2066	4	4	47	83	-2.00	29	8	315	19.1	19.0
	22	0	0	0	0	77	77	0	0	2151	2254	3	3	47	83	-2.00	29	9	315	17.7	17.6
	23	0	0	0	0	75	76	0	0	2142	2313	3	3	32	123	-2.00	29	9	315	16.3	16.3

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

RICHMOND

SEP 30 1974

HOURLY	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
					PARTS	PARTS	PER	PER					*	KM	**	%	MPH	N	C	C
0	1	1	4	4	70	73	0	0	2134	2271	5	5	27	146	-2.00	29	11	315	15.7	16.0
1	3	3	3	3	65	70	0	0	1920	2091	6	6	27	146	-2.00	29	10	360	14.8	14.7
2	3	3	2	2	72	73	0	0	2142	2271	6	6	22	179	-2.00	29	9	315	13.0	12.5
3	3	3	2	2	71	74	0	0	2151	2322	5	5	22	179	-2.00	29	6	315	10.9	10.6
4	3	3	2	2	66	73	0	0	2168	2296	5	5	27	146	-2.00	29	6	315	9.3	9.3
5	3	3	2	2	61	67	0	0	1835	2014	5	5	27	146	-2.00	29	0	270	7.8	6.9
6	3	3	3	3	58	64	0	0	2023	2211	6	6	27	146	-2.00	29	3	270	7.1	6.9
7	3	3	3	3	52	58	0	0	2074	2185	6	6	27	146	-2.00	29	4	270	7.1	6.6
8	3	3	2	2	57	65	0	0	2048	2168	5	5	27	146	-2.00	29	5	270	8.0	9.6
9	3	3	2	2	71	68	0	0	1724	1835	5	5	27	146	-2.00	29	8	315	12.0	17.6
10	3	3	2	2	79	73	0	0	1989	2074	5	5	22	179	-2.00	29	10	315	14.5	17.9
11	3	3	2	2	77	75	0	0	2091	2168	5	5	22	179	-2.00	29	10	315	16.8	20.0
12	3	3	2	2	87	87	0	0	2040	2168	5	5	22	179	0.85	29	11	315	18.3	20.8
13	3	3	2	2	92	94	0	0	1869	2006	5	5	22	179	0.92	29	11	315	20.6	22.7
14	3	3	2	2	101	99	0	0	1912	2083	5	5	17	232	0.96	29	9	270	21.7	22.2
15	3	3	2	2	89	89	0	0	1638	1689	5	5	22	179	0.94	29	8	270	23.8	22.5
16	3	3	2	2	93	95	0	0	2014	2142	5	5	17	232	0.92	29	10	270	21.3	21.6
17	3	3	2	2	69	82	0	0	1929	2134	5	5	17	232	0.79	29	8	270	19.5	21.6
18	3	3	2	2	66	76	0	0	2219	2442	5	5	22	179	0.51	29	3	225	15.9	17.6
19	3	3	5	5	63	77	0	0	2262	2476	8	8	27	146	0.08	29	2	225	13.4	14.7
20	3	3	5	5	61	69	0	0	2262	2390	8	8	27	146	0.03	29	0	225	12.0	11.7
21	3	3	2	2	51	60	0	0	1989	2083	5	5	27	146	0.00	29	0	225	10.7	9.8
22	3	3	2	2	48	58	0	0	2108	2271	5	5	32	123	0.00	29	0	270	10.0	9.0
23	3	3	2	2	49	47	0	0	2160	2416	5	5	37	106	0.00	29	2	315	9.1	8.5

**1/MEGAMETERS

***CAL/SQUARE CM-MIN

RICHMOND - OCT 1 1974

HR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
0	2	2	11	18	55	59	0	0	2348	2536	13	20	49	80	0.00	29	0	315	8.7	8.8
1	3	3	18	25	17	21	0	0	2168	2288	21	29	51	77	0.00	29	0	315	8.0	8.0
2	3	3	16	21	16	31	0	0	2416	2510	19	24	49	80	0.00	29	0	315	7.3	7.4
3	3	3	12	13	23	33	0	0	2459	2484	15	16	52	75	0.00	29	0	315	7.1	6.9
4	3	3	8	11	13	27	0	0	2382	2502	11	14	52	75	0.00	29	0	315	6.4	5.8
5	3	3	8	13	11	14	0	0	2134	2168	11	16	44	89	0.00	29	0	315	2.0	5.3
6	3	3	7	9	9	27	0	0	2271	2356	10	12	42	93	0.00	29	0	270	2.0	4.6
7	3	3	4	6	20	44	0	0	2288	2429	7	9	46	85	0.00	29	0	315	2.0	4.5
8	3	3	4	7	18	49	0	0	2339	2544	7	10	50	78	0.01	29	0	315	2.0	7.8
9	3	5	6	8	50	62	14	8	2348	2484	9	13	42	93	0.32	29	0	360	10.0	17.6
10	3	6	18	14	65	71	23	25	2442	2553	21	20	37	106	0.45	29	9	45	13.2	20.0
11	3	5	10	11	88	92	21	21	2313	2373	13	16	32	123	0.69	29	9	360	16.1	19.8
12	3	3	5	5	98	99	18	19	1715	2254	8	8	30	131	0.82	29	9	45	17.5	20.8
13	3	3	3	3	103	103	17	15	2125	2202	6	6	32	123	0.88	29	9	270	19.9	21.6
14	3	3	4	4	93	93	15	15	2613	2844	7	7	32	123	0.90	29	8	270	19.9	20.3
15	3	3	4	4	98	95	0	0	3562	3989	7	7	32	123	0.80	29	8	270	21.5	20.8
16	3	3	3	3	96	94	0	0	3750	4374	6	6	30	131	0.70	29	8	270	19.7	20.3
17	3	3	3	3	100	95	0	0	3519	3972	6	6	37	106	0.50	29	7	315	17.4	19.8
18	3	3	4	4	79	83	0	0	3998	4588	7	7	37	106	0.10	29	7	315	14.5	14.9
19	3	3	4	7	80	86	0	0	3827	4477	7	10	32	123	0.02	29	7	315	11.4	11.2
20	3	3	6	7	75	70	0	0	3673	4340	9	10	37	106	0.00	29	4	360	9.3	8.5
21	3	3	4	6	75	58	0	0	3177	3699	7	9	37	106	0.00	29	4	360	8.0	7.4
22	3	4	5	12	43	42	0	0	3690	4348	8	16	52	75	0.00	29	4	360	7.5	6.6
23	20	25	28	32	14	26	0	0	3904	4494	49	53	57	69	0.00	29	4	360	7.5	7.4

*01/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND

- OCT 2 1974

HR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	8-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	4	4	24	22	35	47	0	6	3818	3587	25	24	47	83	0.00	29	0	45	9.1	7.0
1	5	7	17	20	40	44	6	21	3271	3801	24	24	52	75	0.00	29	0	45	6.4	6.9
2	3	3	16	19	28	33	0	11	3587	4023	17	23	54	72	0.00	29	0	315	-2.0	5.0
3	3	4	18	19	27	27	0	0	3579	4109	19	21	47	83	0.00	29	0	270	-2.0	4.5
4	3	3	15	19	26	24	0	0	3536	4118	16	20	50	78	0.00	29	0	270	-2.0	3.7
5	4	5	16	14	23	30	0	0	3083	3203	16	19	52	75	0.00	29	0	270	-2.0	4.2
6	3	4	10	13	0	0	0	0	3570	3912	11	16	47	83	0.00	29	0	270	-2.0	4.7
7	5	5	13	14	0	0	0	0	3528	4049	17	18	49	80	0.00	29	7	315	-2.0	5.5
8	3	5	13	13	0	16	0	0	3545	4066	14	16	47	83	0.01	29	8	315	7.0	6.3
9	4	8	16	14	26	29	18	17	2955	2647	18	21	54	72	0.08	29	7	360	8.4	8.5
10	5	6	15	14	48	49	21	21	3254	3579	17	18	52	75	0.20	29	6	360	10.5	11.2
11	2	3	8	7	73	74	14	15	2724	2758	9	10	42	93	0.50	29	7	90	12.1	13.3
12	1	2	7	7	72	73	23	23	2570	2724	8	9	32	123	0.70	29	7	360	13.6	14.1
13	3	4	2	5	95	99	11	0	2724	3092	5	8	19	207	0.70	29	12	360	13.6	14.7
14	3	3	2	2	97	98	6	0	3006	2553	5	5	11	361	0.82	29	11	360	15.0	14.9
15	3	3	2	2	98	95	8	0	3211	3587	5	5	13	305	0.80	29	12	360	16.1	15.4
16	3	3	2	2	99	97	6	6	2416	3673	5	5	32	123	0.69	29	13	360	14.1	13.9
17	5	3	4	5	79	79	0	0	2852	3109	8	8	22	179	0.39	29	13	360	12.1	12.3
18	3	4	5	6	52	58	0	0	2442	3818	8	10	22	179	0.09	29	8	360	10.2	9.6
19	3	3	8	8	49	47	0	0	3399	3964	10	11	27	146	0.04	29	4	360	7.5	7.1
20	3	3	8	7	48	51	0	0	3357	3929	10	9	31	127	0.00	29	4	360	-2.0	5.0
21	4	5	6	7	45	46	0	0	3066	3476	11	13	36	109	0.00	29	4	360	-2.0	3.9
22	3	3	9	11	43	43	0	0	3425	3921	11	12	7	374	0.00	29	4	360	-2.0	3.0
23	3	3	7	10	39	49	0	0	3459	3981	10	12	38	103	0.00	29	4	315	-2.0	2.4

**1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND OCT 3 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
0	3	3	8	8	47	52	0	0	3314	3784	10	10	32	123	0.00	29	3	315	-2.0	1.6
1	4	4	6	7	52	56	0	0	2835	3314	10	11	27	146	0.00	29	3	315	-2.0	1.2
2	4	5	5	5	51	59	0	0	3160	3562	8	9	22	179	0.00	29	4	315	-2.0	0.7
3	4	4	5	5	50	54	0	0	3288	3707	8	8	22	179	0.00	29	3	315	-2.0	0.4
4	3	3	5	6	57	52	0	0	3254	3741	8	8	17	232	0.00	29	3	315	-2.0	-4.0
5	5	6	5	6	52	51	0	0	2886	3331	9	10	17	232	0.00	29	3	315	-2.0	-4.0
6	4	4	5	5	51	54	0	0	3151	3613	8	9	17	232	0.00	29	0	315	-2.0	-4.0
7	3	3	5	6	28	33	0	0	3314	3827	8	10	17	232	0.00	29	0	315	-2.0	-4.0
8	4	7	9	9	17	26	0	0	3322	3827	12	16	22	179	0.00	29	3	360	-2.0	2.9
9	5	8	9	9	47	48	0	0	3083	3459	17	16	22	179	0.01	29	7	360	6.8	7.1
10	5	7	7	7	78	79	0	0	3237	3596	13	14	22	179	0.30	29	10	360	6.8	9.0
11	4	5	6	5	67	66	0	0	3288	3605	9	9	32	123	0.60	29	14	360	7.7	7.7
12	5	5	5	5	86	85	0	0	3382	3784	10	10	32	123	0.60	29	14	360	8.6	7.4
13	5	5	6	7	72	71	18	18	3271	3519	12	12	32	123	0.55	29	10	360	8.9	9.3
14	5	7	6	7	73	72	21	21	3784	4323	12	14	42	93	0.68	29	12	360	9.5	9.3
15	5	7	6	7	74	73	26	26	3972	4528	12	13	47	83	0.50	29	12	360	10.9	9.8
16	4	6	7	7	75	74	25	25	4374	4827	11	14	82	48	0.65	29	15	360	9.8	10.4
17	5	5	8	8	71	69	23	23	3570	3887	14	14	52	75	0.55	29	8	360	9.1	8.8
18	4	5	9	10	61	64	21	21	3818	4289	13	15	52	75	0.39	29	6	360	7.5	6.9
19	3	4	11	15	53	58	0	0	3776	4263	14	18	52	75	0.14	29	0	360	-2.0	3.9
20	3	4	16	18	42	45	0	0	3681	3348	19	23	52	75	0.04	29	0	360	-2.0	2.3
21	5	5	15	17	37	47	0	0	3365	3630	20	23	47	83	0.00	29	3	360	-2.0	2.0
22	3	5	16	18	36	37	0	0	3699	4169	20	23	47	83	0.00	29	0	315	-2.0	0.4
23	3	4	18	21	24	26	0	0	4023	4673	22	25	67	58	0.00	29	0	270	-2.0	-4.0

*=1/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND

OCT 4 1974

HOURL	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	4	5	17	16	27	33	0	0	4041	4400	21	22	77	51	0.00	29	0	315	-1.0	-4.0
1	5	5	15	18	29	34	0	0	3545	3929	21	24	72	54	0.00	29	0	315	-1.0	-4.0
2	5	6	15	18	23	28	0	0	3681	3972	20	24	62	63	0.00	29	0	315	-1.0	-1.0
3	4	4	14	17	31	32	0	0	3605	3929	18	21	54	72	0.00	29	0	315	-1.0	-1.0
4	3	3	10	11	38	44	0	0	3553	4049	14	15	47	83	0.00	29	0	315	-1.0	-1.0
5	5	5	10	10	40	47	0	0	4015	4554	15	15	42	93	0.00	29	0	315	-1.0	-1.0
6	5	5	12	15	37	33	0	0	6024	23	18	20	39	101	0.00	29	0	270	-1.0	-1.0
7	5	6	11	14	28	23	0	0	3	3	15	15	45	87	0.00	29	0	270	-1.0	-1.0
8	5	7	11	12	34	45	0	8	6170	5922	15	19	42	93	0.02	29	0	315	-1.0	1.3
9	6	10	11	10	44	53	12	15	5357	5614	17	20	42	93	0.40	29	0	315	-1.0	9.6
10	6	9	12	12	72	81	22	23	4408	4716	18	21	32	123	0.64	29	7	360	7.8	11.4
11	5	10	10	8	80	81	32	33	3998	4383	15	15	35	112	0.84	29	9	360	10.2	12.3
12	5	6	10	10	88	55	28	28	4049	4545	15	16	41	96	0.92	29	9	45	12.0	14.4
13	5	6	9	7	90	99	26	26	3348	3724	14	13	42	93	0.94	29	7	45	15.0	17.1
14	5	5	7	7	102	102	25	25	3126	3493	13	13	40	98	0.91	29	5	45	14.8	15.2
15	5	5	7	7	100	98	25	25	3271	3528	13	13	37	106	0.89	29	4	360	16.8	16.0
16	4	4	7	7	98	98	24	24	3092	3502	11	11	37	106	0.70	29	4	360	15.2	16.3
17	3	4	5	5	78	80	21	23	2433	2750	8	9	32	123	0.45	29	0	270	13.2	16.0
18	3	3	3	5	78	82	19	21	3305	3699	6	8	42	93	0.08	29	0	180	10.2	11.4
19	3	3	9	6	72	86	21	25	3519	3955	12	9	41	96	0.02	29	0	180	7.5	7.7
20	1	3	12	9	63	73	18	22	3425	3972	14	12	44	89	0.00	29	0	180	6.2	5.8
21	3	4	5	10	65	75	11	21	2972	3442	8	14	42	93	0.00	29	0	180	-1.0	5.3
22	3	3	5	7	55	81	8	17	3288	3921	8	10	46	85	0.00	29	0	180	-1.0	5.5
23	3	3	5	7	55	77	6	17	3331	3801	8	10	47	83	0.00	29	0	180	-1.0	5.3

**1/MEGAMETERS

***CAL/SQUARE CM-MIN

RICHMOND - OCT 5 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PER	PER					*	KM	**	%	MPH	N	C	C
0	3	3	5	7	45	70	0	0	3263	3801	8	10	55	71	0.00	29	0	225	-1.0	3.4
1	3	3	3	6	48	82	0	0	2878	3613	6	9	52	75	0.00	29	0	225	-1.0	4.1
2	3	3	2	5	34	73	0	0	3228	3776	5	8	55	71	0.00	29	0	225	-1.0	5.2
3	3	3	2	4	36	75	0	0	3374	4041	5	7	62	63	0.00	29	0	270	-1.0	2.6
4	3	3	2	3	51	71	0	0	3468	3981	5	6	67	58	0.00	29	0	270	-1.0	2.2
5	3	3	2	3	38	78	0	0	3100	3904	5	6	64	61	0.00	29	0	225	-1.0	1.9
6	3	3	2	4	44	77	0	0	3382	3801	5	7	68	58	0.00	29	0	225	-1.0	2.9
7	3	3	2	2	36	68	0	0	3434	3870	5	5	68	58	0.00	29	3	225	-1.0	3.7
8	3	3	2	2	27	75	0	0	3339	3887	5	5	64	61	0.02	29	3	270	-1.0	7.4
9	3	3	2	2	48	83	0	11	3254	3741	5	7	62	63	0.33	29	2	270	7.5	16.8
10	3	3	5	6	94	94	15	15	3750	4169	8	9	62	63	0.57	29	3	225	15.0	20.0
11	3	3	5	8	104	102	14	12	4041	4545	9	11	64	61	0.73	29	5	180	18.3	22.2
12	3	3	5	5	104	107	0	0	3904	4323	8	8	47	83	0.84	29	5	180	19.9	23.3
13	3	3	5	5	110	110	0	0	3399	3835	8	8	43	91	0.89	29	6	180	22.6	25.4
14	3	3	2	2	112	110	0	0	3716	4186	5	5	41	96	0.91	29	6	180	22.9	23.8
15	3	3	2	2	115	116	0	0	3767	4289	5	5	39	101	0.88	29	5	180	24.2	24.3
16	3	3	2	2	113	116	0	0	3707	4271	5	5	39	101	0.70	29	5	180	21.1	23.3
17	3	3	2	2	105	113	0	0	3194	3639	5	5	42	93	0.50	29	4	180	18.4	21.6
18	3	3	2	2	103	108	0	0	3639	4177	5	5	44	89	0.12	29	0	180	15.4	16.8
19	3	3	2	2	102	107	0	0	3639	4237	5	5	47	83	0.03	29	3	180	13.0	15.7
20	3	3	2	3	94	102	0	0	3570	4169	5	6	52	75	0.02	29	4	180	12.3	14.8
21	3	3	2	3	78	95	0	0	3083	3570	5	6	52	75	0.01	29	0	225	10.2	10.9
22	3	3	2	3	75	96	0	0	3468	4169	5	6	55	71	0.00	29	0	225	8.4	9.6
23	3	3	2	3	75	89	0	0	3553	4169	5	6	56	70	0.00	29	0	180	7.2	8.2

*=1/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND - OCT 6 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
0	3	3	2	2	69	87	0	0	3622	4152	5	6	57	69	0.00	29	4	135	-1.0	8.9
1	3	3	2	2	52	79	0	0	3254	3656	5	6	62	63	0.00	29	4	135	-1.0	7.7
2	3	3	2	2	47	87	0	0	3468	3758	5	5	67	58	0.00	29	4	135	-1.0	8.3
3	3	3	2	2	39	77	0	0	3587	3938	5	5	72	54	0.00	29	4	135	-1.0	7.4
4	3	3	2	2	50	82	0	0	3605	3955	5	5	82	48	0.00	29	4	135	-1.0	7.7
5	3	3	2	2	53	80	0	0	3280	3929	5	5	84	47	0.00	29	4	135	-1.0	4.6
6	3	3	2	2	60	84	0	0	3767	4442	5	5	82	48	0.00	29	4	180	-1.0	4.5
7	3	3	2	2	48	80	0	0	3758	4212	5	5	87	45	0.00	29	4	180	-1.0	3.9
8	3	3	2	2	47	75	0	0	3750	3929	5	5	84	47	0.03	29	4	180	-1.0	9.0
9	3	3	2	2	40	86	0	0	3647	3613	5	5	77	51	0.29	29	4	180	8.2	20.6
10	3	3	2	2	76	101	0	0	3570	3929	5	5	77	51	0.58	29	4	180	15.4	25.4
11	3	3	2	2	105	110	0	0	3605	4152	5	5	59	66	0.71	29	4	180	20.9	26.7
12	3	3	2	2	111	114	0	0	3681	4289	5	5	53	74	0.83	29	4	180	23.3	28.1
13	3	3	2	2	115	117	0	0	3254	3681	5	5	62	63	0.87	29	4	180	24.9	28.6
14	3	3	2	2	122	123	0	0	3622	4143	5	5	67	58	0.88	29	4	180	25.8	27.7
15	3	3	2	2	125	127	0	0	3656	4177	5	5	72	54	0.87	29	4	180	26.3	27.0
16	3	3	2	2	124	123	0	0	3758	4348	5	5	69	57	0.72	29	4	180	24.0	25.8
17	3	3	2	4	114	120	0	0	3305	3818	5	5	74	53	0.45	29	4	180	22.1	24.6
18	3	3	2	12	109	112	0	0	3767	4348	5	7	81	48	0.12	29	4	180	18.3	19.5
19	3	3	6	25	91	89	0	8	3981	4699	9	15	87	45	0.05	29	4	180	15.7	15.7
20	3	3	15	17	70	61	14	21	4254	4819	18	28	103	38	0.01	29	4	180	14.1	13.9
21	3	3	17	20	80	90	17	14	4006	4212	20	20	99	39	0.00	29	4	180	13.7	15.3
22	3	3	17	16	86	87	11	11	3964	4271	20	23	87	45	0.00	29	4	180	14.5	15.2
23	3	3	16	16	92	91	0	0	3972	4545	19	19	82	48	0.00	29	4	180	13.6	13.6

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

OCT 7 1974

HR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
																	MPH	N	C	C
0	3	3	11	11	69	90	0	0	3545	4938	14	14	77	51	0.00	29	3	180	11.8	12.8
1	1	1	10	12	47	90	0	0	3887	5426	11	14	82	48	0.00	29	3	180	10.9	12.5
2	1	1	10	12	46	95	0	25	4263	-3	11	14	87	45	0.00	29	4	180	10.9	13.3
3	0	0	5	7	26	95	0	0	4032	-3	6	9	92	42	0.00	29	3	225	9.5	11.4
4	3	3	6	6	53	91	0	0	3493	4006	7	7	82	48	0.00	29	0	270	8.4	9.0
5	1	1	5	7	55	75	0	0	3587	3844	6	9	92	42	0.00	29	0	270	8.2	8.5
6	1	1	5	7	48	61	0	0	3510	4023	6	9	97	40	0.00	29	0	270	7.8	8.2
7	1	1	5	7	41	75	0	0	3485	3870	6	9	112	35	0.00	29	0	270	8.0	8.8
8	1	1	4	4	51	72	0	0	3237	3579	5	5	102	38	0.04	29	0	315	9.3	11.4
9	1	1	4	4	60	103	0	0	3211	3468	5	5	92	42	0.42	29	3	270	12.7	21.6
10	1	1	4	4	90	101	0	0	2963	3434	5	5	87	45	0.70	29	3	315	17.5	26.2
11	1	1	4	4	114	107	0	0	3100	3442	5	5	72	54	0.76	29	3	315	22.0	27.0
12	1	1	4	4	112	111	0	0	2955	3254	5	5	67	58	0.82	29	4	360	23.8	28.4
13	1	1	4	4	115	113	0	0	3545	4015	5	5	72	54	0.84	29	3	45	26.1	29.7
14	0	0	12	12	136	136	0	0	3835	4605	13	5	97	40	0.73	29	4	45	26.9	27.8
15	0	0	21	21	161	163	22	0	4374	5015	22	13	157	25	0.64	29	3	45	26.1	28.1
16	0	0	12	12	126	138	0	0	3536	4049	14	22	102	38	0.21	29	5	45	24.9	26.2
17	0	0	10	10	102	123	0	0	3810	4280	10	10	82	48	0.05	29	4	45	22.9	25.1
18	0	0	7	10	114	121	0	0	3741	4383	8	10	87	45	0.02	29	0	90	20.4	19.8
19	0	0	17	17	109	109	47	47	4613	5426	18	18	127	31	0.01	29	9	90	18.6	19.5
20	0	0	15	15	73	76	48	48	4006	4391	15	15	117	33	0.00	29	10	90	16.8	16.8
21	0	0	15	15	85	85	27	27	3656	4169	15	15	82	48	0.00	29	5	45	15.9	15.5
22	0	0	12	12	80	84	22	22	3647	4417	13	13	57	69	0.00	29	5	45	14.7	14.1
23	0	0	12	12	78	91	21	21	3758	4442	13	13	52	75	0.00	29	5	45	13.6	13.3

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND - OCT 8 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	1	2	12	12	77	78	28	28	3314	3699	14	14	51	77	0.00	29	10	360	12.4	12.1
1	2	2	11	11	77	79	14	14	3681	4194	13	13	47	83	0.00	29	10	360	11.4	11.3
2	1	1	8	8	81	80	0	0	3647	4169	9	9	46	85	0.00	29	8	360	10.8	10.4
3	1	1	7	7	81	80	0	0	3570	4058	8	8	39	101	0.00	29	7	45	9.9	9.6
4	1	1	7	7	73	73	0	0	3186	3519	8	8	36	109	0.00	29	8	45	9.2	8.9
5	1	1	7	8	73	74	0	0	3416	3767	8	9	41	96	0.00	29	7	45	8.6	7.8
6	1	1	9	10	68	65	12	12	3451	3989	10	11	39	101	0.00	29	6	45	7.7	6.9
7	2	2	12	14	59	59	14	17	3579	4126	14	16	40	98	0.15	29	5	45	6.8	6.5
8	7	10	20	19	49	50	21	24	3998	4177	23	28	45	87	0.32	29	5	45	7.8	8.0
9	9	12	22	20	61	62	28	27	4041	4289	30	30	46	85	0.58	29	6	45	9.6	12.3
10	6	9	18	19	64	66	28	27	3750	4212	24	25	43	91	0.73	29	5	45	11.1	13.9
11	4	6	15	13	65	66	33	31	3656	4152	18	17	39	101	0.80	29	5	360	13.0	14.9
12	2	3	10	10	76	80	14	12	2963	3211	11	13	37	106	0.84	29	5	360	14.8	16.0
13	2	3	10	10	82	83	14	11	3220	3434	12	13	38	103	0.83	29	5	360	16.5	17.1
14	2	3	10	10	85	88	11	11	3271	3818	12	13	35	112	0.71	29	5	360	16.6	16.5
15	2	3	10	10	88	87	0	0	3297	3681	11	11	32	123	0.49	29	5	360	18.3	17.6
16	2	3	10	10	99	98	0	0	2861	3263	11	11	37	106	0.31	29	3	45	16.4	17.4
17	2	2	10	10	89	90	12	14	2980	3382	11	12	31	127	0.04	29	3	45	14.4	16.0
18	0	1	10	13	76	81	0	8	3280	3818	10	14	41	96	0.01	29	3	45	11.9	12.5
19	0	1	11	16	70	73	0	8	3365	3938	12	18	41	96	0.00	29	0	0	9.1	8.7
20	3	3	25	35	56	56	8	12	4152	3605	23	38	73	54	0.00	29	0	0	7.7	6.6
21	3	3	28	35	39	40	24	21	4263	4733	31	38	104	38	0.00	29	0	0	6.0	4.7
22	2	2	25	27	29	29	18	18	4203	4408	27	30	110	36	0.00	29	0	0	-1.0	3.4
23	1	2	22	23	18	26	8	8	3972	4194	24	25	87	45	0.00	29	0	0	-1.0	3.1

*=1/MEGAMETERS

**=CAL/SQUARE CM-MIN

- OCT 9 1974

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

RICHMOND

OCT 10 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
PARTS PER BILLION																				
0	2	3	6	9	30	83	0	0	3151	3328	8	12	92	42	0.00	29	0	225	-1.0	5.0
1	1	1	7	10	36	95	0	0	3322	3818	9	11	92	42	0.00	29	3	225	-1.0	5.3
2	1	1	5	9	29	99	0	0	3288	3938	6	10	96	41	0.00	29	3	225	-1.0	6.1
3	1	1	5	10	29	96	0	0	3305	4092	6	11	101	39	0.00	29	0	225	-1.0	5.5
4	1	1	4	7	20	95	0	0	3066	3545	5	9	108	36	0.00	29	3	225	-1.0	5.5
5	1	1	3	6	29	94	0	0	3314	3989	5	8	109	36	0.00	29	3	270	-1.0	4.2
6	1	1	4	7	34	89	0	0	3434	4878	5	9	27	146	0.01	29	0	315	-1.0	3.4
7	1	1	4	7	31	86	0	0	3664	4579	5	9	122	32	0.06	29	0	315	-1.0	3.4
8	1	2	3	5	32	96	0	0	3699	3870	4	7	136	29	0.26	29	3	315	-1.0	7.4
9	0	2	4	6	83	102	0	0	3656	3741	4	8	122	32	0.47	29	4	315	7.8	14.1
10	0	1	4	7	105	111	0	0	3485	3596	5	8	102	38	0.70	29	4	315	13.9	18.4
11	0	1	7	8	113	115	14	14	3186	3245	8	9	97	40	0.81	29	4	270	18.4	21.6
12	0	0	5	5	134	132	15	17	3228	3271	5	5	107	37	0.83	29	5	315	20.4	23.0
13	0	0	5	5	135	137	21	21	3263	3468	5	5	97	40	0.83	29	4	315	22.2	26.2
14	0	0	5	5	127	112	25	26	3305	3613	5	5	86	45	0.76	29	5	360	23.1	24.6
15	0	0	5	5	129	129	23	22	3348	3365	5	5	90	43	0.62	29	4	360	23.3	24.9
16	0	0	5	5	129	133	21	21	3143	3391	5	5	87	45	0.31	29	3	360	21.7	24.1
17	0	0	5	5	112	118	15	19	3280	3664	5	5	92	42	0.10	29	0	360	19.1	22.5
18	1	0	5	5	125	122	14	18	3314	3733	6	5	102	38	0.02	29	0	225	15.7	17.6
19	1	1	12	6	96	123	15	19	3348	3690	13	7	107	37	0.01	29	0	225	13.4	14.9
20	1	1	10	7	93	116	12	17	5101	3510	11	8	112	35	0.00	29	0	225	11.8	13.3
21	1	1	9	8	101	112	11	15	3288	3425	10	9	117	33	0.00	29	0	225	10.2	10.1
22	1	1	7	9	87	99	8	14	3186	3485	8	10	117	33	0.00	29	0	225	8.9	9.8
23	1	1	6	8	71	96	0	15	3143	3476	7	9	112	35	0.00	29	3	225	8.0	9.6

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

OCT 11 1974

HOURL	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
							PARTS PER BILLION													
0	1	1	4	7	43	89	0	0	2818	3194	5	8	120	33	0.00	29	0	225	7.4	10.6
1	1	1	4	7	45	89	0	0	3074	3451	5	8	129	30	0.00	29	0	270	6.7	8.8
2	1	20	5	26	55	26	0	0	3083	3468	6	46	138	28	0.00	29	0	270	6.7	7.7
3	3	17	13	19	36	29	0	0	3117	3442	15	35	138	28	0.00	29	0	270	6.6	7.1
4	2	2	13	21	44	46	0	0	2886	3143	15	23	139	28	0.00	29	0	270	6.3	5.9
5	1	1	13	15	43	46	0	0	3057	3399	14	16	139	28	0.00	29	0	225	1.0	5.3
6	1	1	9	10	39	68	0	0	3032	3485	16	11	136	29	0.01	29	0	225	1.0	4.6
7	1	15	8	16	27	33	0	0	2972	3434	9	31	139	28	0.19	29	0	270	1.0	5.9
8	7	7	7	10	16	39	0	0	2852	3263	14	16	142	28	0.32	29	0	270	1.0	12.3
9	4	3	10	12	26	63	0	0	3092	3545	13	15	149	26	0.55	29	0	315	9.6	18.4
10	5	11	24	32	39	62	36	40	3870	4400	29	42	179	22	0.66	29	0	45	16.1	23.3
11	2	12	56	60	66	76	68	72	5486	5785	58	72	218	18	0.76	29	2	90	22.3	25.4
12	2	4	35	32	105	108	69	68	4827	4981	37	36	210	19	0.79	29	3	90	22.9	27.3
13	1	1	20	20	129	129	64	64	4554	4759	21	21	212	18	0.80	29	3	45	24.7	27.6
14	0	0	15	15	130	130	59	59	4725	4725	16	16	213	18	0.67	29	4	45	24.7	26.5
15	0	0	14	14	133	136	57	57	4836	4938	14	14	219	18	0.51	29	3	90	24.9	26.4
16	0	0	11	12	133	136	51	54	4297	4631	12	12	232	17	0.21	29	0	180	23.5	25.9
17	0	0	11	12	130	138	46	52	4605	5220	11	12	247	16	0.08	29	0	180	20.9	24.3
18	0	0	15	16	127	131	45	51	4964	5238	15	16	261	15	0.03	29	0	225	18.3	19.0
19	0	0	20	19	116	121	45	52	4819	5263	21	20	275	14	0.00	29	2	225	13.6	16.5
20	0	0	19	20	103	116	54	62	4725	4878	19	20	286	14	0.00	29	3	180	15.2	17.0
21	0	0	19	31	88	99	37	52	4750	4964	19	31	291	13	0.00	29	3	180	13.8	14.4
22	0	0	35	46	83	80	44	47	4596	4784	36	47	309	13	0.00	29	3	180	13.6	14.2
23	0	0	45	44	60	78	41	44	4562	4716	46	44	279	14	0.00	29	3	180	12.7	13.5

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

RICHMOND

OCT 12 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PARTS	PER	BILLION				*	KM	**	%	MPH	N	C	C
0	1	1	25	25	51	64	19	22	4083	4323	27	27	282	14	0.00	59	0	180	10.9	9.8
1	0	0	24	19	56	74	17	22	4263	4673	24	19	255	15	0.00	59	0	180	9.8	9.0
2	0	0	16	15	39	74	11	21	4383	4938	16	15	264	15	0.00	59	0	225	8.7	8.5
3	0	0	11	11	31	68	12	21	4545	4836	12	12	281	14	0.00	59	0	225	8.4	9.6
4	0	0	7	8	16	71	8	19	4212	4460	7	9	286	14	0.00	59	2	225	7.3	9.0
5	0	0	6	7	14	77	8	22	4306	4596	6	7	280	14	0.00	59	4	270	7.1	10.1
6	0	0	5	6	27	79	8	18	4331	4494	5	6	289	14	0.02	59	0	225	7.1	8.8
7	0	0	4	6	26	71	8	15	4246	4297	4	7	291	13	0.17	59	2	225	7.1	9.0
8	0	0	5	7	33	84	6	18	3964	3664	5	8	277	14	0.32	59	4	225	12.0	12.8
9	0	0	7	8	76	89	15	22	3707	3964	7	9	227	17	0.59	59	4	270	13.2	18.2
10	0	0	10	11	99	99	31	33	3972	4229	11	11	199	20	0.68	59	4	270	19.0	22.2
11	0	0	9	9	107	104	32	32	3895	4143	9	10	178	22	0.72	59	5	270	23.1	24.3
12	0	0	8	9	122	120	30	30	3451	3639	8	9	183	21	0.71	59	7	270	24.4	25.4
13	0	0	5	5	131	129	28	28	3630	3724	5	5	192	20	0.55	59	8	270	25.8	27.0
14	0	0	4	4	126	126	27	27	3510	3716	5	5	187	21	0.47	59	7	270	25.3	25.7
15	0	0	4	4	127	127	28	30	3605	3844	4	4	189	21	0.37	59	5	225	25.3	25.9
16	0	0	4	4	114	121	23	24	3391	3630	5	4	189	21	0.20	59	4	225	23.6	24.9
17	0	0	4	4	112	121	19	21	3570	3852	5	4	190	21	0.07	59	3	225	21.8	24.1
18	0	0	5	4	111	119	18	18	3639	3929	5	4	204	19	0.02	59	3	180	19.1	20.6
19	0	0	5	5	110	120	17	17	3716	3972	6	5	203	19	0.00	59	4	180	18.8	20.3
20	0	0	6	6	107	118	15	15	3493	3724	7	6	207	19	0.00	59	4	225	18.4	19.2
21	0	0	7	6	107	118	12	14	3622	3818	7	7	220	18	0.00	59	4	225	17.2	18.2
22	0	0	9	6	86	117	11	12	3408	3656	9	7	228	17	0.00	59	4	225	16.5	17.9
23	0	0	6	7	74	111	11	12	3442	3741	7	7	227	17	0.00	59	3	225	15.7	16.5

*P1/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND

OCT 13 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
0	0	0	6	6	85	97	8	11	3408	3664	7	7	255	15	0.00	29	0	225	14.7	14.4
1	0	0	7	7	90	104	6	11	3630	3989	7	7	262	15	0.00	29	0	225	13.6	13.6
2	0	0	6	6	89	99	6	11	3724	4015	7	7	263	15	0.00	29	0	225	13.5	13.6
3	0	0	6	6	69	72	0	6	3673	4023	6	6	270	14	0.00	29	0	225	12.7	12.0
4	0	0	5	5	45	53	0	0	3391	3622	6	6	277	14	0.00	29	0	270	12.3	11.7
5	0	0	4	4	45	70	0	0	3630	3972	5	5	282	14	0.00	29	0	225	12.8	12.3
6	0	0	3	3	40	76	0	0	3570	3998	4	4	282	14	0.00	29	0	270	13.0	12.8
7	0	0	4	8	44	62	0	0	3622	4066	4	9	285	14	0.17	29	0	315	13.3	13.4
8	0	0	5	14	40	59	0	6	2647	3938	5	14	292	13	0.30	29	0	360	14.1	14.7
9	0	0	8	12	63	76	27	33	3767	4194	8	13	267	15	0.34	29	3	45	16.5	18.7
10	0	0	16	18	81	86	56	60	4374	4707	17	18	192	20	0.40	29	5	45	20.5	22.2
11	0	0	12	13	89	92	59	61	4519	4913	13	14	197	20	0.64	29	4	45	22.0	23.4
12	0	0	12	12	99	104	63	61	4246	4716	13	13	206	19	0.57	29	4	45	23.4	25.7
13	0	0	8	8	112	115	66	67	4477	4733	8	8	216	18	0.60	29	3	90	24.6	27.0
14	0	0	7	7	121	129	56	58	4340	4690	7	7	212	18	0.38	29	3	90	25.0	27.0
15	0	0	6	6	123	124	54	54	4203	4682	7	7	218	18	0.20	29	0	135	24.5	26.2
16	0	0	7	7	123	123	52	53	4152	4323	8	8	232	17	0.11	29	0	180	23.9	25.1
17	0	0	9	10	114	117	45	46	4434	4836	10	11	247	16	0.04	29	3	45	22.0	22.3
18	0	0	13	13	111	111	48	53	4878	5417	13	14	272	14	0.01	29	0	90	20.3	20.3
19	0	0	13	13	104	112	47	47	5092	5759	13	14	296	13	0.00	29	0	135	18.8	19.0
20	0	0	13	15	107	114	40	45	4921	5067	14	15	307	13	0.00	29	0	180	17.4	17.6
21	0	0	14	17	98	100	40	64	5443	5930	15	17	322	12	0.00	29	0	180	16.5	16.3
22	0	0	13	13	99	111	38	40	5400	5451	13	13	352	11	0.00	29	3	135	16.7	16.5
23	0	0	9	9	112	114	27	28	5007	5212	10	10	357	11	0.00	29	3	90	16.5	16.0

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND

OCT 14 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
							PARTS PER BILLION													
0	0	0	15	16	109	110	31	33	4682	5032	15	17	417	9	0.00	59	4	135	16.4	16.1
1	0	0	8	8	111	119	33	33	4853	5109	9	9	390	10	0.00	59	4	135	16.5	15.9
2	0	0	7	7	112	115	29	29	4725	5075	7	7	368	11	0.00	59	0	180	16.5	15.8
3	0	0	9	18	106	106	31	44	4767	5212	10	18	408	10	0.00	59	0	180	16.5	16.0
4	0	0	22	23	88	88	43	47	4725	5075	22	24	471	8	0.00	59	0	180	16.5	16.0
5	0	0	16	13	98	99	33	33	4707	5032	16	13	412	9	0.00	59	0	180	16.6	16.1
6	0	0	6	6	100	104	19	19	4588	5007	7	7	400	10	0.02	59	0	225	16.6	16.0
7	0	0	6	6	83	90	17	17	4536	4964	6	6	398	10	0.05	59	0	225	16.3	15.8
8	0	0	5	5	91	95	19	19	4229	4528	6	6	394	10	0.21	59	3	180	16.6	16.5
9	0	0	5	5	108	109	26	26	4340	4613	5	5	373	10	0.35	59	4	225	17.2	17.4
10	0	0	5	5	110	111	25	25	4417	4656	5	5	367	11	0.64	59	4	270	18.4	18.5
11	0	0	5	5	113	114	23	23	4511	4767	5	5	351	11	0.70	59	5	270	20.9	24.3
12	0	0	5	5	118	118	21	21	3981	4109	5	5	304	13	0.63	59	5	270	23.7	26.0
13	0	0	5	5	118	118	17	17	4006	4229	5	5	265	15	0.55	59	5	270	25.6	27.0
14	0	0	5	5	118	118	15	15	4032	4297	5	5	241	16	0.59	59	6	225	26.0	26.9
15	0	0	5	5	121	120	11	11	3733	4083	5	5	214	18	0.23	59	8	225	24.6	27.1
16	0	0	5	5	116	117	6	6	3348	3630	5	5	202	19	0.19	59	8	225	24.7	25.1
17	0	0	5	5	110	114	8	8	3605	3929	5	5	219	18	0.05	59	4	225	23.3	23.8
18	0	0	5	5	108	112	8	8	3639	3921	5	5	215	18	0.02	59	3	225	21.1	21.9
19	0	0	5	5	110	111	6	6	3596	3929	5	5	193	20	0.00	59	3	225	18.6	20.1
20	0	0	8	5	95	104	0	0	3280	3408	9	5	182	21	0.00	59	3	225	17.8	19.5
21	0	0	4	4	96	101	0	0	3220	3442	5	5	168	23	0.00	59	3	225	17.6	18.8
22	0	0	4	4	98	102	0	0	3100	2818	5	5	146	27	0.00	59	4	225	17.9	18.4
23	0	0	4	4	97	99	0	0	2963	3305	5	5	140	28	0.00	59	4	225	17.6	18.3

*1/MEGAMETERS

**CAL/SQUARE CM-MIN

RICHMOND - OCT 15 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
0	0	0	4	4	66	91	0	0	2921	3168	5	5	141	28	0.00	29	8	225	17.6	17.9
1	0	0	5	5	86	84	0	0	3263	3690	5	5	148	26	0.00	29	8	225	17.3	17.2
2	0	0	5	5	76	76	0	0	3416	3827	5	5	146	27	0.00	29	5	225	17.4	17.5
3	0	0	5	5	75	75	0	0	3425	3818	5	5	138	28	0.00	29	5	225	17.5	17.6
4	0	0	5	5	72	74	0	0	3160	3536	5	5	129	30	0.00	29	5	225	17.2	17.2
5	0	0	5	5	68	70	0	0	3399	3776	5	5	125	31	0.00	29	5	225	16.8	16.8
6	0	0	5	5	63	68	0	0	3399	3793	5	5	122	32	0.02	29	5	225	16.6	16.6
7	0	0	5	5	47	61	0	0	3348	3750	5	5	121	32	0.03	29	5	225	16.2	16.5
8	0	0	5	5	50	62	0	0	3083	3468	5	5	111	35	0.20	29	5	225	17.3	18.3
9	0	0	5	5	70	72	0	0	3126	3485	5	5	96	41	0.39	29	5	225	19.7	22.5
10	0	0	4	4	79	78	0	0	2989	3357	5	5	79	49	0.49	29	9	270	21.9	22.5
11	0	0	4	4	84	84	-2	-2	-2	-2	4	4	68	58	0.70	29	10	225	24.3	24.5
12	0	0	3	3	87	86	-2	-2	-2	-2	4	4	52	75	0.61	29	12	225	26.7	26.9
13	0	0	2	2	87	87	-2	-2	-2	-2	3	3	39	101	0.69	29	10	270	27.8	27.3
14	0	0	2	2	90	89	-2	-2	-2	-2	3	3	40	98	0.60	29	10	270	28.2	28.2
15	0	0	2	2	92	91	0	0	2997	3245	2	2	61	64	0.48	29	8	225	28.4	28.3
16	0	0	2	2	87	86	0	0	2715	2929	3	3	46	85	0.16	29	8	225	27.8	27.7
17	0	0	2	2	83	84	0	0	2809	3220	3	3	41	96	0.09	29	5	225	26.1	26.1
18	0	0	2	2	81	82	0	0	2869	3339	3	3	42	93	0.01	29	5	225	23.9	24.7
19	0	0	2	2	81	82	0	0	2912	3305	3	3	44	89	0.00	29	5	225	21.7	21.7
20	0	0	3	3	85	83	0	0	2758	3049	3	3	50	78	0.00	29	4	225	20.6	20.6
21	0	0	2	2	76	80	0	0	3006	3459	3	3	52	75	0.00	29	3	225	20.0	19.8
22	0	0	2	2	72	74	0	0	3006	3476	3	3	56	70	0.00	29	0	225	19.3	19.3
23	0	0	2	2	66	71	0	0	3066	3502	3	3	76	51	0.00	29	0	45	19.8	19.0

*=1/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND - OCT 16 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
	-----PARTS PER BILLION-----																			
0	3	3	31	31	0	0	17	17	3639	3929	32	33	94	42	0.00	29	0	90	16.8	22.0
1	5	6	31	31	0	0	14	17	4100	4485	31	33	121	32	0.00	29	0	90	15.7	22.0
2	5	6	27	27	0	0	26	31	4023	4049	30	33	120	33	0.00	29	0	90	15.4	22.0
3	5	5	26	26	0	13	22	27	4058	4494	28	29	120	33	0.00	29	0	45	15.2	22.0
4	7	7	16	21	0	0	8	11	3673	3947	22	21	122	32	0.00	29	0	360	15.4	22.0
5	6	3	20	26	0	0	8	11	3870	4186	25	29	103	38	0.00	29	0	360	15.7	22.0
6	5	5	20	23	0	14	14	14	3776	4092	24	28	91	43	0.00	29	0	360	16.0	22.0
7	5	5	19	22	0	14	11	12	4400	3989	23	26	61	64	0.02	29	0	360	16.2	22.0
8	8	8	20	22	18	25	0	0	3254	3664	27	30	46	85	0.03	29	0	360	16.6	16.8
9	5	5	19	19	43	45	0	0	2792	3237	21	21	24	164	0.04	29	5	45	16.1	15.6
10	3	5	20	20	49	50	0	0	2809	3177	23	23	22	179	0.07	29	5	45	15.1	14.8
11	4	4	19	19	48	50	11	11	2536	2903	22	22	33	119	0.11	29	0	45	15.5	15.8
12	3	3	17	17	32	31	11	11	2570	2938	19	19	43	91	0.08	29	0	45	16.4	16.7
13	2	3	15	15	34	47	6	6	2852	3322	17	17	16	247	0.10	29	10	45	13.9	13.8
14	1	1	15	15	53	58	0	0	2758	3168	16	16	19	207	0.12	29	3	45	14.2	14.0
15	0	1	14	14	52	59	0	0	2698	3160	14	15	18	219	0.08	29	4	45	14.4	14.1
16	0	0	14	14	53	54	12	12	2467	2767	15	15	22	179	0.06	29	4	45	14.1	13.4
17	0	0	15	15	34	19	11	11	2467	2741	16	16	15	264	0.04	29	5	45	13.4	12.7
18	0	0	17	18	26	23	8	8	2792	3194	17	18	15	264	0.04	29	5	45	12.7	12.0
19	0	0	17	17	28	22	8	8	2844	3288	18	18	10	398	0.01	29	5	45	12.3	11.6
20	0	0	19	21	19	13	0	0	2690	3100	19	21	16	247	0.00	29	5	45	11.3	11.0
21	0	0	18	18	22	22	0	0	2886	3314	18	19	22	179	0.00	29	7	45	11.1	10.4
22	0	0	15	15	27	25	0	0	2878	3331	15	15	29	133	0.00	29	0	45	10.1	9.5
23	0	0	14	14	29	26	0	0	2664	3092	14	14	31	127	0.00	29	0	45	9.3	8.7

*1/MEGAMETERS
**CAL/SQUARE CM-MIN

RICHMOND

- OCT 17 1974

HOURL	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	0	0	11	13	6	6	0	0	3425	2989	11	13	33	119	0.00	29	0	45	9.1	8.5
1	0	0	12	12	13	20	0	0	2844	3331	12	12	33	119	0.00	29	0	45	9.1	8.2
2	0	0	9	10	16	22	0	0	2895	3357	9	10	33	119	0.00	29	0	45	8.2	7.5
3	0	0	9	10	20	31	0	0	2895	3339	9	10	33	119	0.00	29	0	45	9.3	6.7
4	0	0	8	10	13	22	0	0	2638	3040	9	10	37	106	0.00	29	0	45	6.6	5.8
5	0	0	8	8	11	23	0	0	2784	3203	8	8	38	103	0.00	29	0	45	6.0	5.3
6	0	0	6	7	0	0	0	0	2732	2732	7	7	42	93	0.00	29	0	45	6.0	4.9
7	0	0	7	8	0	0	0	0	2673	3074	8	9	36	109	0.04	29	3	45	6.0	4.9
8	2	5	9	9	28	28	0	0	2519	2852	10	12	26	151	0.19	29	3	90	6.4	6.7
9	3	3	8	8	43	50	6	0	2348	2630	10	10	29	135	0.38	29	2	45	8.7	13.8
10	1	1	7	7	61	62	14	11	2433	2818	8	8	27	146	0.55	29	4	315	11.4	15.5
11	0	2	8	8	64	66	17	17	2655	3006	9	9	34	115	0.70	29	4	315	13.6	15.6
12	0	0	8	8	66	69	19	19	2698	3126	9	9	34	115	0.86	29	5	315	16.5	19.8
13	0	0	7	7	74	75	12	12	2946	3382	7	8	37	106	0.84	29	7	270	19.5	21.1
14	0	0	6	6	82	85	0	0	3049	3442	6	7	41	96	0.78	29	7	270	20.4	20.6
15	0	0	5	5	96	96	0	0	2544	2895	5	5	42	93	0.63	29	7	270	21.2	21.3
16	0	0	3	3	89	88	11	8	2570	2886	4	4	41	96	0.21	29	6	270	21.2	21.3
17	0	0	3	4	86	89	11	11	3194	3699	4	4	46	85	0.09	29	4	270	18.6	19.9
18	0	0	5	5	85	89	6	8	3493	3947	5	5	58	67	0.03	29	3	270	14.9	16.4
19	0	0	7	5	84	87	0	0	3476	3844	8	5	63	62	0.01	29	3	225	13.4	14.9
20	0	0	6	6	75	84	0	0	3365	3750	6	6	59	66	0.00	29	4	270	12.8	14.0
21	0	0	7	9	73	74	11	15	3305	3699	8	10	74	53	0.00	29	4	270	12.3	13.3
22	0	0	10	10	60	71	12	15	3228	3596	10	11	67	58	0.00	29	4	270	11.6	12.6
23	0	0	7	8	67	73	0	6	3220	3553	8	9	65	60	0.00	29	4	270	10.6	12.0

**1/MEGAMETERS

***CAL/SQUARE CM-MIN

RICHMOND

OCT 18 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	0	0	5	8	33	62	0	0	2980	3237	6	8	70	56	0.00	29	2	315	9.6	11.0
1	0	0	6	8	35	64	6	6	3066	3536	6	8	71	55	0.00	29	2	315	8.9	9.8
2	0	0	5	8	45	56	0	0	3117	3545	6	9	65	60	0.00	29	2	315	8.3	8.7
3	0	0	6	9	44	53	0	0	3109	3528	7	9	64	61	0.00	29	2	315	7.5	8.2
4	0	0	7	9	41	54	0	0	3126	3493	7	9	67	58	0.00	29	2	315	6.9	7.8
5	0	0	7	8	47	55	0	0	3177	3476	8	9	67	58	0.00	29	2	315	6.9	7.6
6	0	0	6	7	44	58	0	0	3134	3451	6	7	64	61	0.00	29	2	360	6.4	7.5
7	0	0	6	9	39	53	0	0	3134	3451	6	9	66	59	0.02	29	2	45	6.3	7.7
8	1	2	11	13	52	59	11	12	3220	3639	13	16	62	63	0.29	29	10	45	8.6	13.8
9	2	3	13	13	55	60	14	14	3630	3929	16	17	48	82	0.45	29	10	45	12.4	14.9
10	2	3	13	13	69	72	17	12	3254	3502	16	17	44	89	0.67	29	10	45	13.9	15.9
11	2	3	12	11	73	75	15	15	3203	3288	15	15	37	106	0.74	29	10	45	15.5	16.3
12	1	3	9	8	74	75	17	17	2613	3630	11	11	34	115	0.75	29	8	45	16.3	17.9
13	1	2	6	7	71	73	12	12	2561	2767	7	9	23	171	0.66	29	8	45	17.7	18.4
14	0	1	5	5	76	76	0	0	2596	2792	5	6	19	207	0.40	29	3	45	17.2	17.6
15	1	2	6	6	77	80	0	0	1912	1989	7	8	13	305	0.56	29	3	90	16.6	16.9
16	2	3	7	7	70	71	0	0	2587	2886	9	10	13	305	0.18	29	3	45	15.8	15.7
17	2	3	13	13	62	63	0	0	2955	3391	15	16	16	247	0.10	29	3	90	14.2	14.1
18	2	2	13	14	56	58	8	11	3023	3553	15	16	18	219	0.01	29	3	45	11.3	10.7
19	1	2	15	17	51	52	0	8	3134	3519	16	19	22	179	0.00	29	3	90	10.0	9.3
20	1	2	16	16	53	54	12	12	3083	3502	17	18	24	164	0.00	29	3	45	9.3	8.5
21	1	2	17	19	58	58	14	14	3100	3408	18	21	26	151	0.00	29	3	45	8.6	7.7
22	1	2	18	19	55	56	12	8	2955	3305	20	22	27	146	0.00	29	4	45	7.9	7.1
23	1	2	19	19	53	56	0	6	2869	3194	20	21	26	151	0.00	29	4	45	7.7	6.9

*#1/MEGAMETERS

**#CAL/SQUARE CM-MIN

RICHMOND

- OCT 19 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
-----PARTS PER BILLION-----																				
0	3	3	46	50	47	47	8	8	2741	3006	49	54	28	140	0.00	29	2	315	7.3	3.7
1	3	3	48	52	44	43	14	14	2921	3211	51	55	33	119	0.00	29	4	90	7.1	3.6
2	3	3	17	18	54	54	19	19	2972	3280	20	21	39	101	0.00	29	4	90	7.2	6.5
3	3	3	14	12	62	63	40	34	2903	3194	17	14	42	93	0.00	29	4	90	6.9	5.8
4	3	2	7	8	75	73	19	19	2818	3040	8	10	32	123	0.00	29	4	90	1.0	3.6
5	1	1	6	8	74	74	12	12	2707	2980	7	10	30	131	0.00	29	0	135	1.0	2.5
6	1	1	7	7	69	67	0	0	2826	2946	8	8	33	119	0.00	29	0	135	1.0	2.5
7	1	1	6	6	59	55	0	0	2893	3211	8	8	36	109	0.01	29	0	270	1.0	2.7
8	1	1	4	4	52	52	0	0	2833	3066	5	5	36	109	0.16	29	0	360	1.0	3.1
9	1	1	10	10	54	54	8	8	2775	3074	12	12	36	109	0.31	29	0	360	1.0	4.4
10	5	5	18	18	54	57	14	12	3228	3553	22	23	39	101	0.62	29	5	45	1.0	5.5
11	6	8	20	16	71	73	0	0	3134	3339	23	21	35	112	0.61	29	8	45	7.7	7.4
12	4	5	13	14	85	85	0	0	2938	3177	16	18	26	151	0.55	29	10	45	9.2	10.2
13	3	4	12	12	82	85	11	11	3006	3331	15	14	20	197	0.74	29	10	45	8.6	9.0
14	3	4	11	11	87	87	14	14	3015	3339	13	13	25	157	0.46	29	12	45	9.8	9.6
15	2	3	12	12	95	96	22	19	3288	3485	15	15	29	135	0.20	29	12	45	9.4	9.0
16	3	5	12	12	90	91	21	21	2946	3203	18	17	27	146	0.11	29	8	360	8.8	8.2
17	4	4	9	9	82	81	14	14	2989	3228	11	11	30	131	0.05	29	4	45	8.2	7.4
18	3	3	9	9	77	79	11	11	2938	3220	12	12	33	119	0.01	29	0	360	1.0	5.4
19	3	3	9	11	71	73	0	0	2955	3314	12	13	39	101	0.00	29	0	315	1.0	2.4
20	0	2	9	12	57	61	0	0	3049	3280	10	13	55	71	0.00	29	0	315	1.0	1.7
21	1	1	11	13	59	61	0	0	3057	3374	12	14	60	65	0.00	29	0	270	1.0	4.0
22	1	1	12	12	63	66	0	0	3023	3194	13	13	6	672	0.00	29	0	315	1.0	4.0
23	1	1	10	10	49	58	0	0	3015	3211	11	12	59	66	0.00	29	0	315	1.0	0.4

**1/MEGAMETERS

***CAL/SQUARE CM-MIN

RICHMOND

OCT 20 1974

HR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	C	C
PARTS PER BILLION																				
0	2	3	10	11	47	51	6	6	2938	3228	13	15	57	69	0.00	29	0	315	-1.0	0.3
1	2	3	9	11	48	51	8	8	3100	3391	11	13	56	70	0.00	29	0	315	-1.0	0.2
2	2	2	9	10	49	57	8	8	3254	3451	11	12	56	70	0.00	29	0	315	-1.0	1.3
3	2	1	8	9	53	55	6	6	3194	3425	10	10	53	74	0.00	29	0	315	-1.0	2.6
4	2	1	8	8	50	56	11	12	3160	3391	10	10	57	69	0.00	29	0	270	-1.0	24.0
5	1	1	8	10	49	55	12	15	3211	3382	9	10	62	63	0.00	29	0	270	-1.0	21.0
6	1	1	8	9	50	64	12	14	3040	3203	9	10	61	64	0.01	29	0	270	-1.0	21.0
7	1	2	8	8	49	65	11	12	3015	3083	9	9	58	67	0.09	29	3	270	-1.0	24.0
8	1	2	6	7	73	55	8	8	2886	3032	7	8	59	66	0.17	29	2	315	-1.0	3.0
9	1	2	7	7	51	59	8	8	2989	3254	8	9	60	65	0.20	29	3	315	-1.0	5.8
10	1	4	8	7	49	53	6	6	3092	3331	9	11	62	63	0.30	29	3	45	-1.0	6.1
11	2	3	10	10	62	65	28	29	3160	3339	11	12	45	87	0.35	29	3	315	7.1	7.5
12	3	3	9	9	76	77	26	26	2921	2921	11	12	47	83	0.52	29	3	315	7.9	8.9
13	3	3	6	8	86	103	17	17	2613	2792	8	10	32	123	0.32	29	8	360	8.5	8.8
14	2	3	5	4	87	86	12	12	2476	2732	7	7	25	157	0.49	29	8	360	8.6	8.4
15	2	3	4	5	87	85	12	12	2613	2818	7	7	25	157	0.48	29	8	360	9.6	8.9
16	5	5	5	5	86	87	12	12	2408	2579	9	9	25	157	0.20	29	14	360	9.6	8.8
17	3	3	6	6	72	73	13	15	2647	2792	9	9	31	127	0.09	29	10	135	8.4	7.8
18	2	2	7	8	70	66	17	17	2784	3023	9	10	33	119	0.01	29	10	45	6.5	5.6
19	2	2	8	9	64	65	12	14	2980	3263	9	10	39	101	0.00	29	4	360	-1.0	3.3
20	2	2	12	11	57	63	12	15	3151	3331	13	12	51	77	0.00	29	3	315	-1.0	1.3
21	2	2	10	11	61	68	12	15	3280	3528	12	13	61	64	0.00	29	4	360	-1.0	1.2
22	2	2	9	9	61	67	12	14	3220	3288	10	11	59	66	0.00	29	4	360	-1.0	2.0
23	2	2	8	9	67	71	12	14	2151	3168	10	11	48	82	0.00	29	3	360	-1.0	2.6

*=1/MEGAMETERS

**=CAL/SQUARE CM-MIN

RICHMOND

OCT 21 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	NOX	NOX	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
													*	KM	**	%	MPH	N	°C	°C
0	3	4	8	9	67	70	8	11	2861	3049	11	14	44	89	0.00	29	3	45	-1.0	-4.0
1	3	3	8	8	71	79	6	8	2912	3151	11	12	41	96	0.00	29	2	360	-1.0	-4.0
2	3	3	7	7	79	78	14	14	2784	2955	10	10	27	146	0.00	29	7	360	-1.0	-4.0
3	3	3	5	5	80	83	0	0	2630	2408	8	8	24	164	0.00	29	7	360	-1.0	-4.0
4	2	3	3	3	82	84	0	0	2587	2681	5	7	18	219	0.00	29	8	360	-1.0	-4.0
5	2	2	3	4	82	85	0	0	2476	2647	5	6	18	219	0.00	29	4	360	-1.0	-1.0
6	2	2	3	4	80	85	0	0	2433	2570	5	6	16	247	0.00	29	4	360	-1.0	-1.0
7	2	2	5	6	71	73	0	0	2408	2638	7	8	17	232	0.00	29	5	360	-1.0	-1.0
8	3	4	10	10	77	83	0	0	2219	2348	13	14	23	171	0.09	29	5	360	-1.0	-4.0
9	4	4	11	10	82	83	0	0	2365	2416	15	15	22	179	0.30	29	10	45	-1.0	3.1
10	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	0.52	29	0	0	-2.0	-2.0
11	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	0.75	29	0	0	-2.0	-2.0
12	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
13	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
14	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
15	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
16	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
17	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
18	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
19	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
20	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
21	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
22	0	0	0	0	0	0	0	0	227	227	0	0	-2	-2	-2.00	29	0	0	-2.0	-2.0
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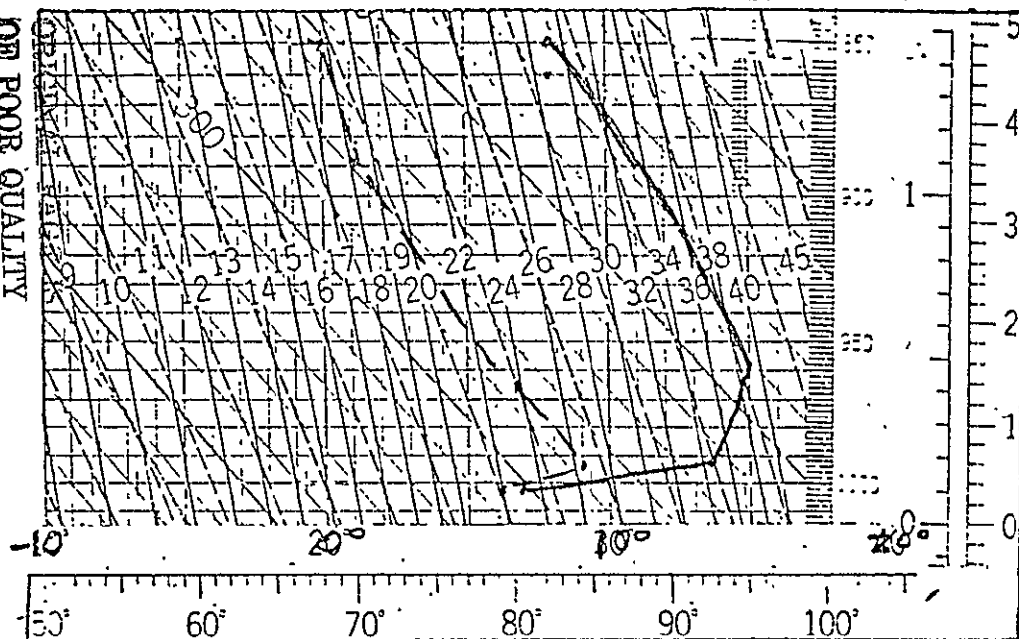
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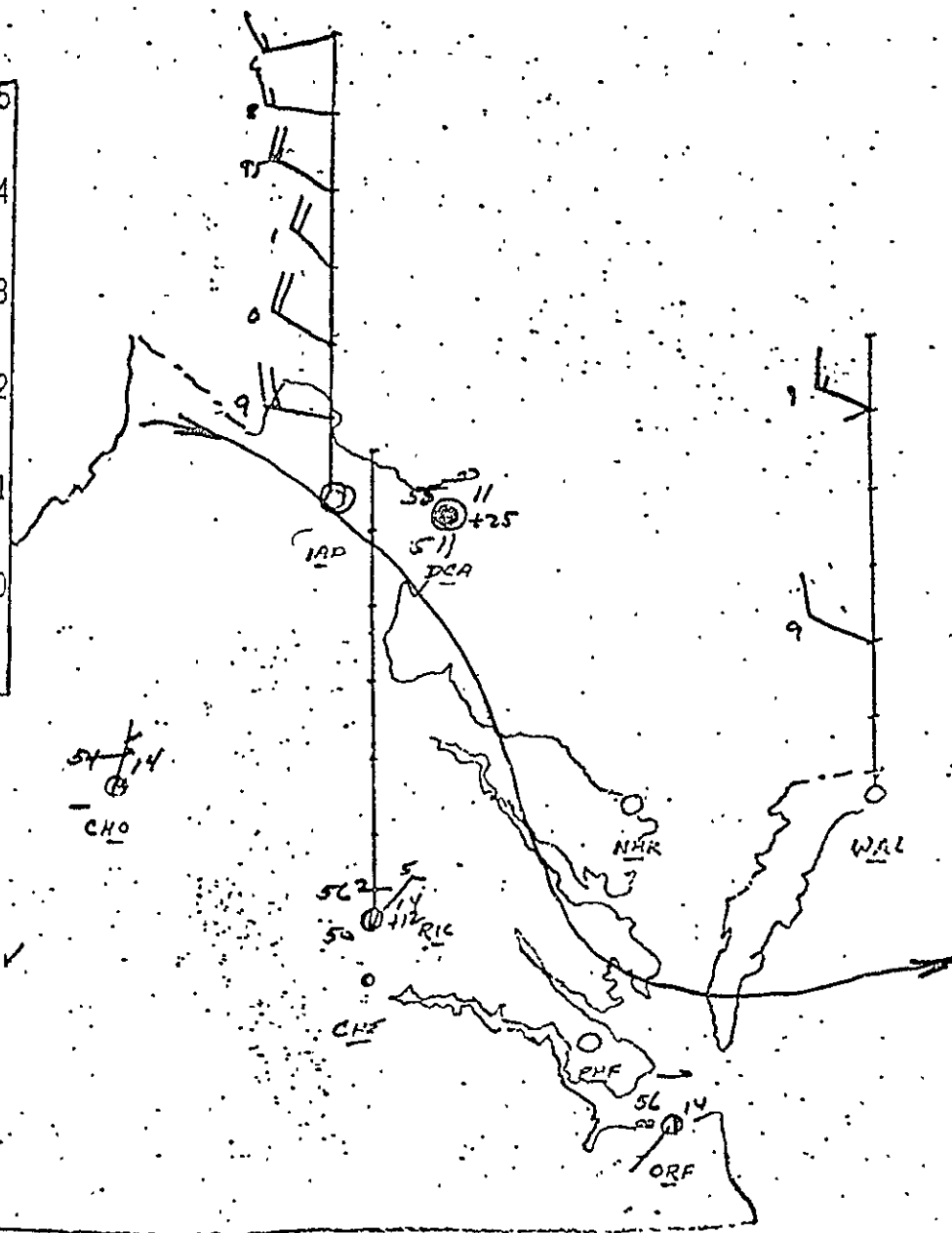
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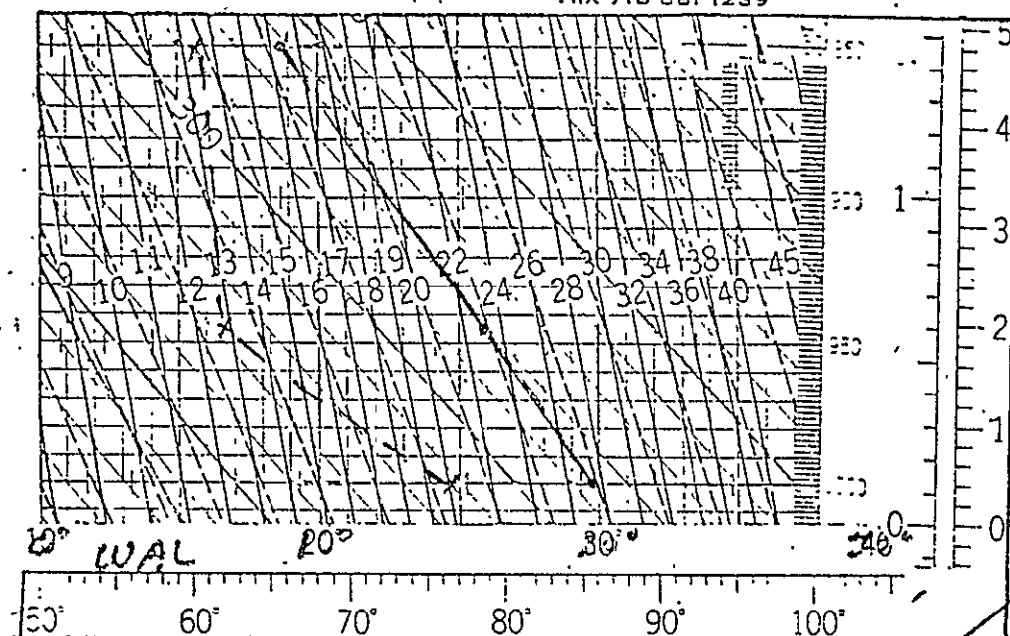
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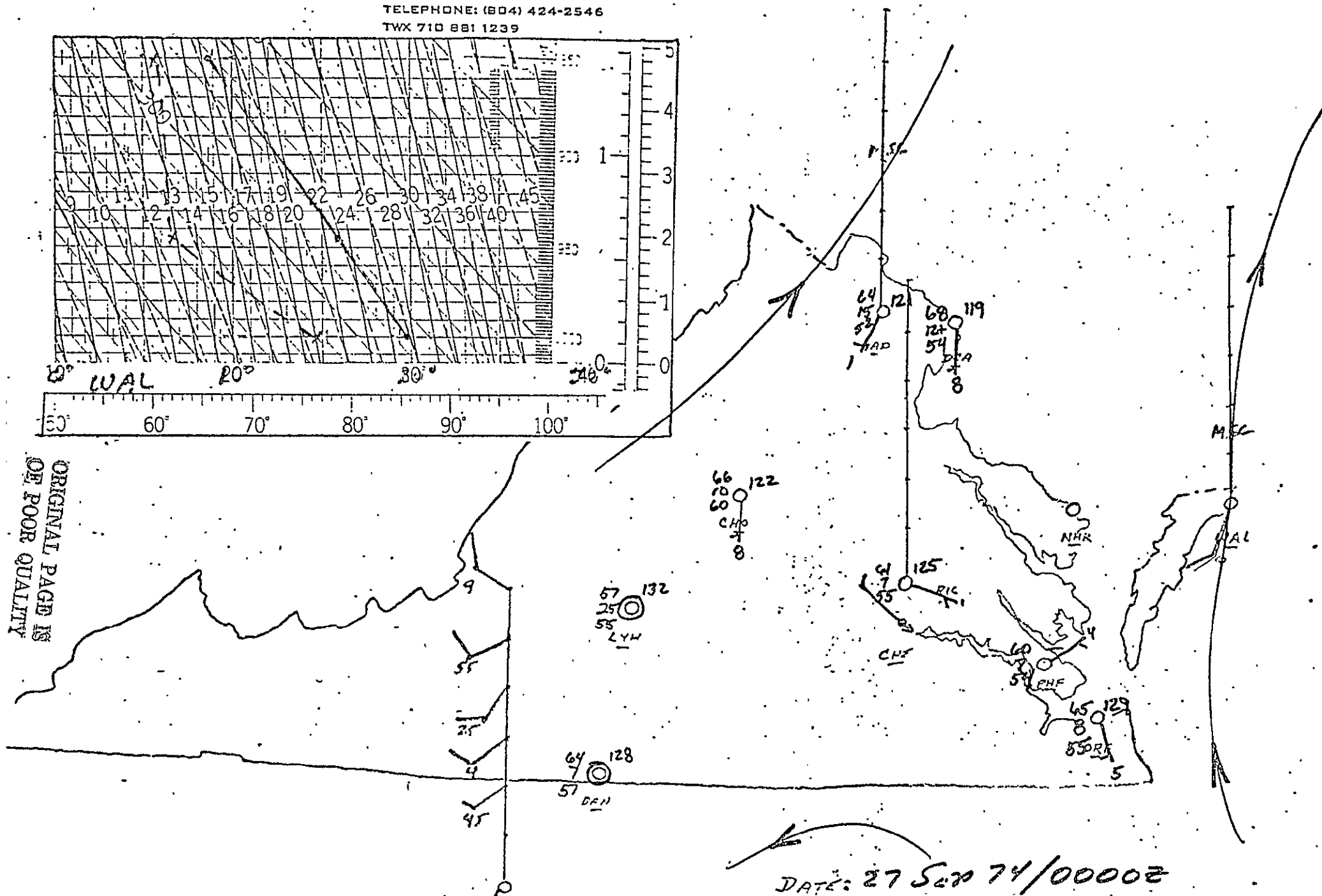
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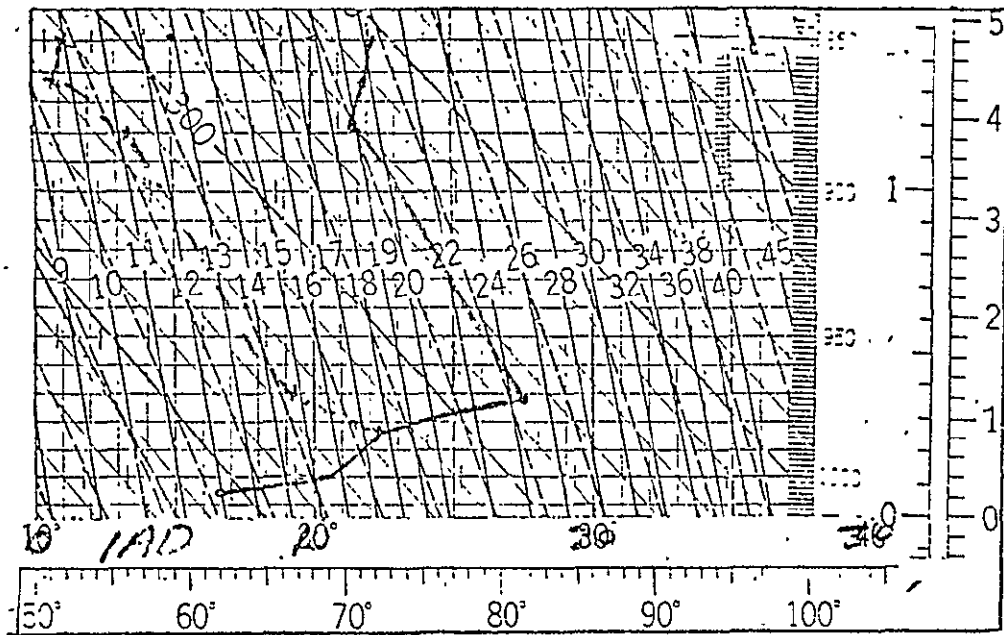
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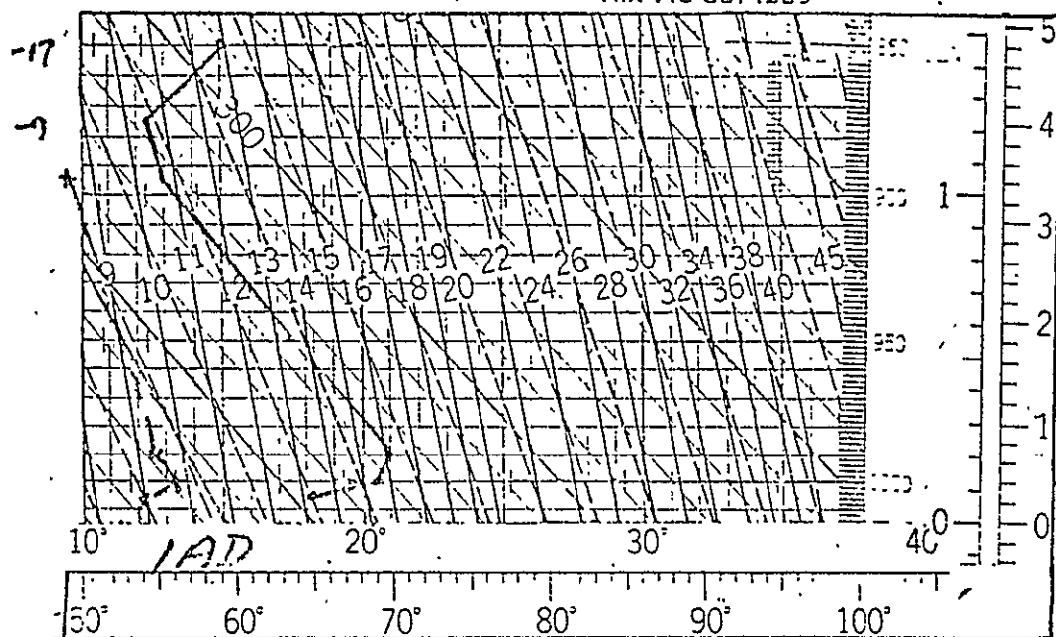
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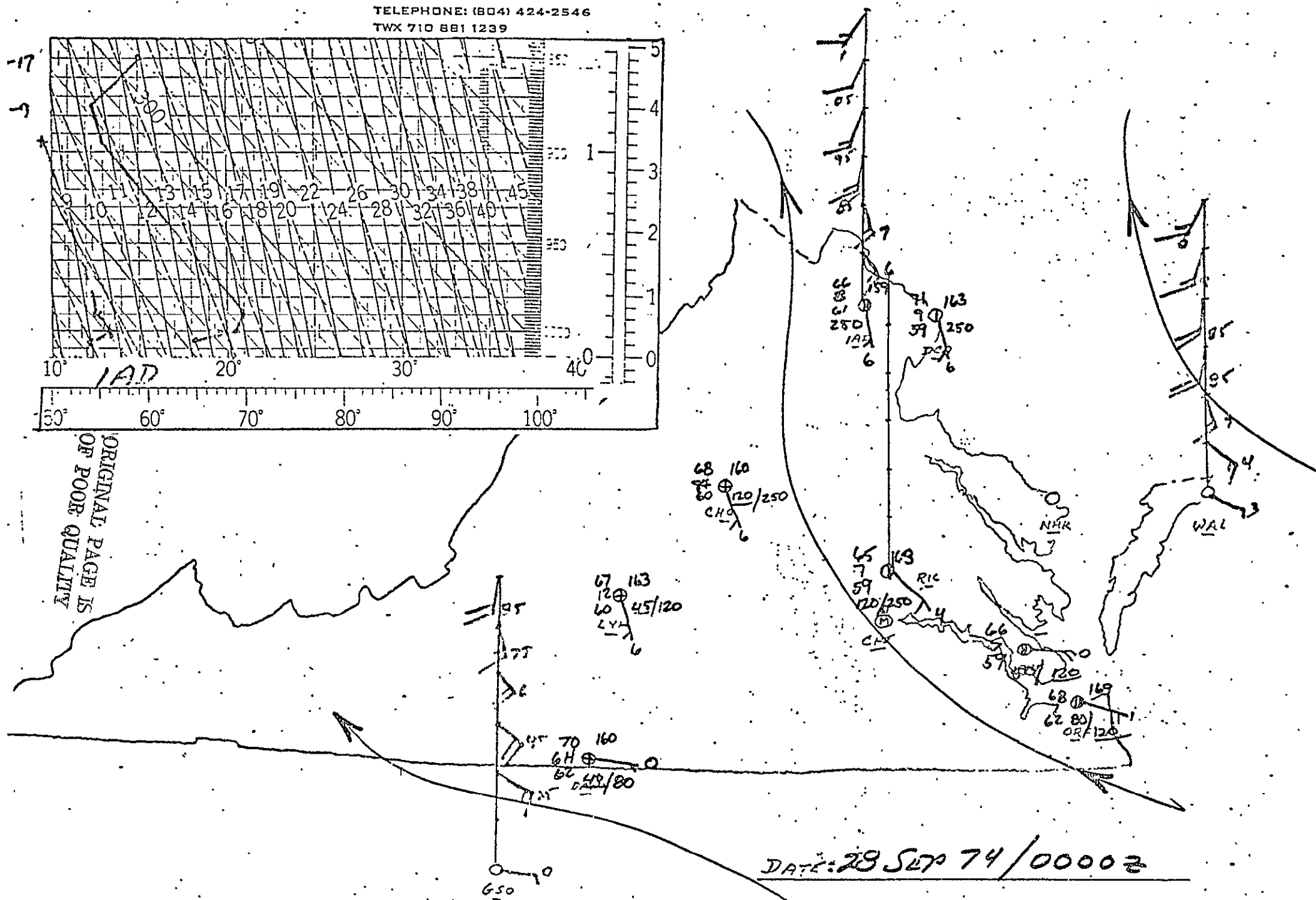
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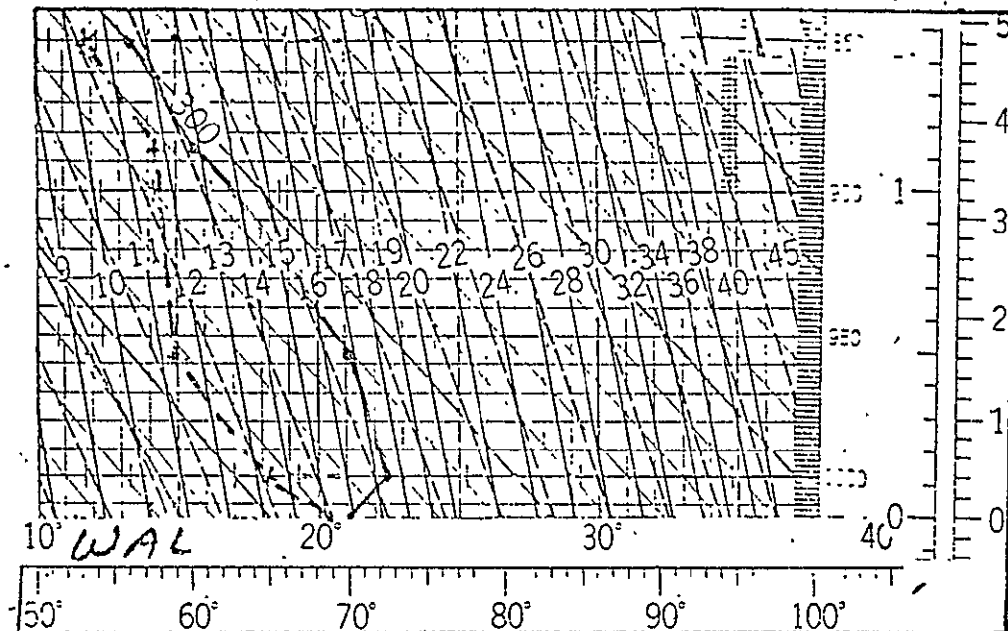


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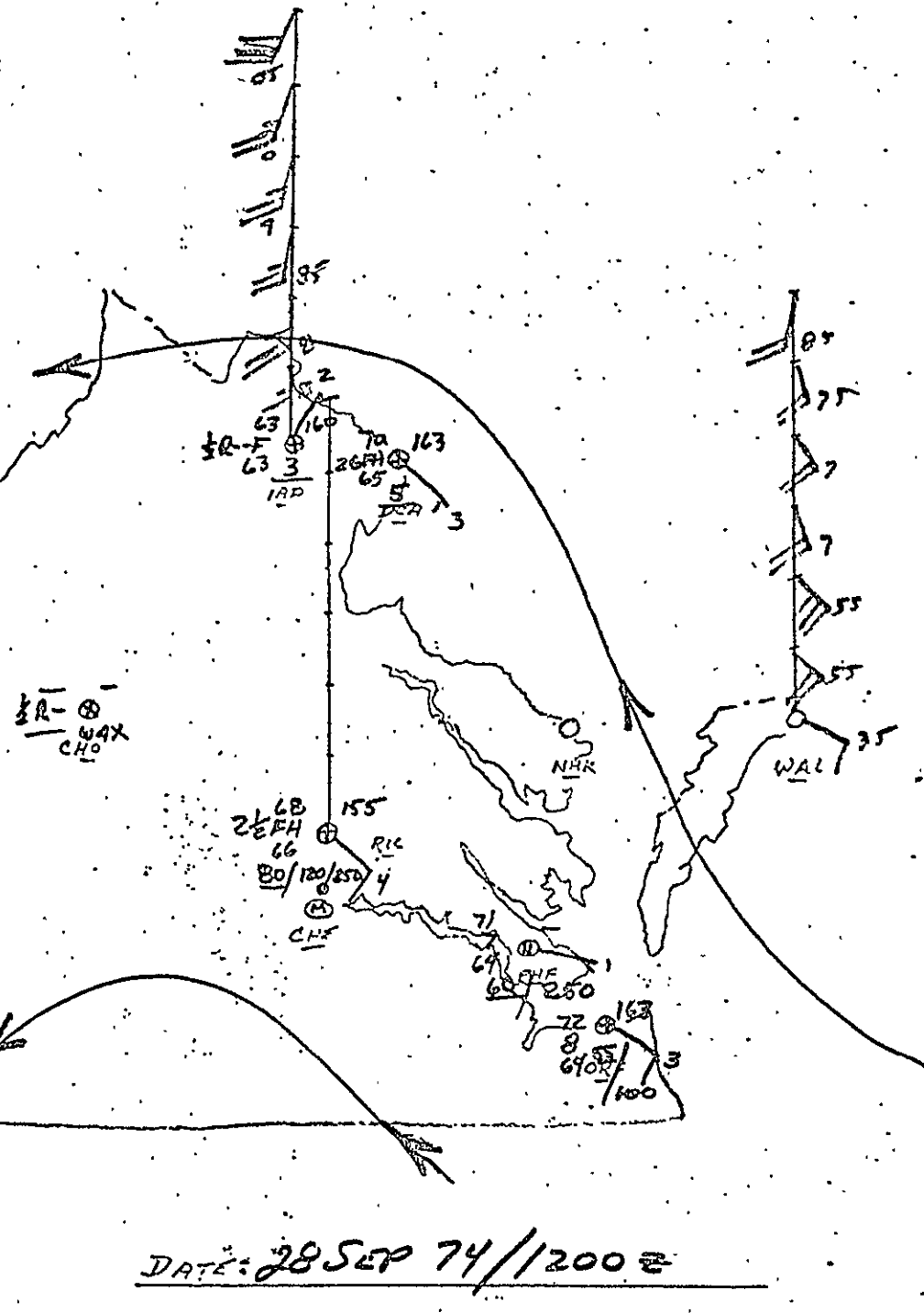


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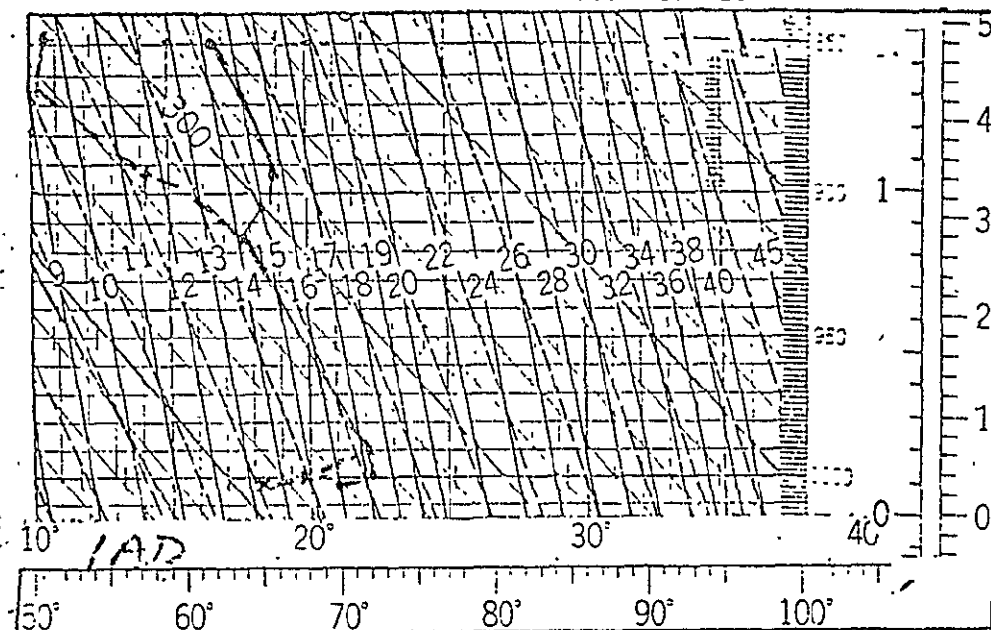
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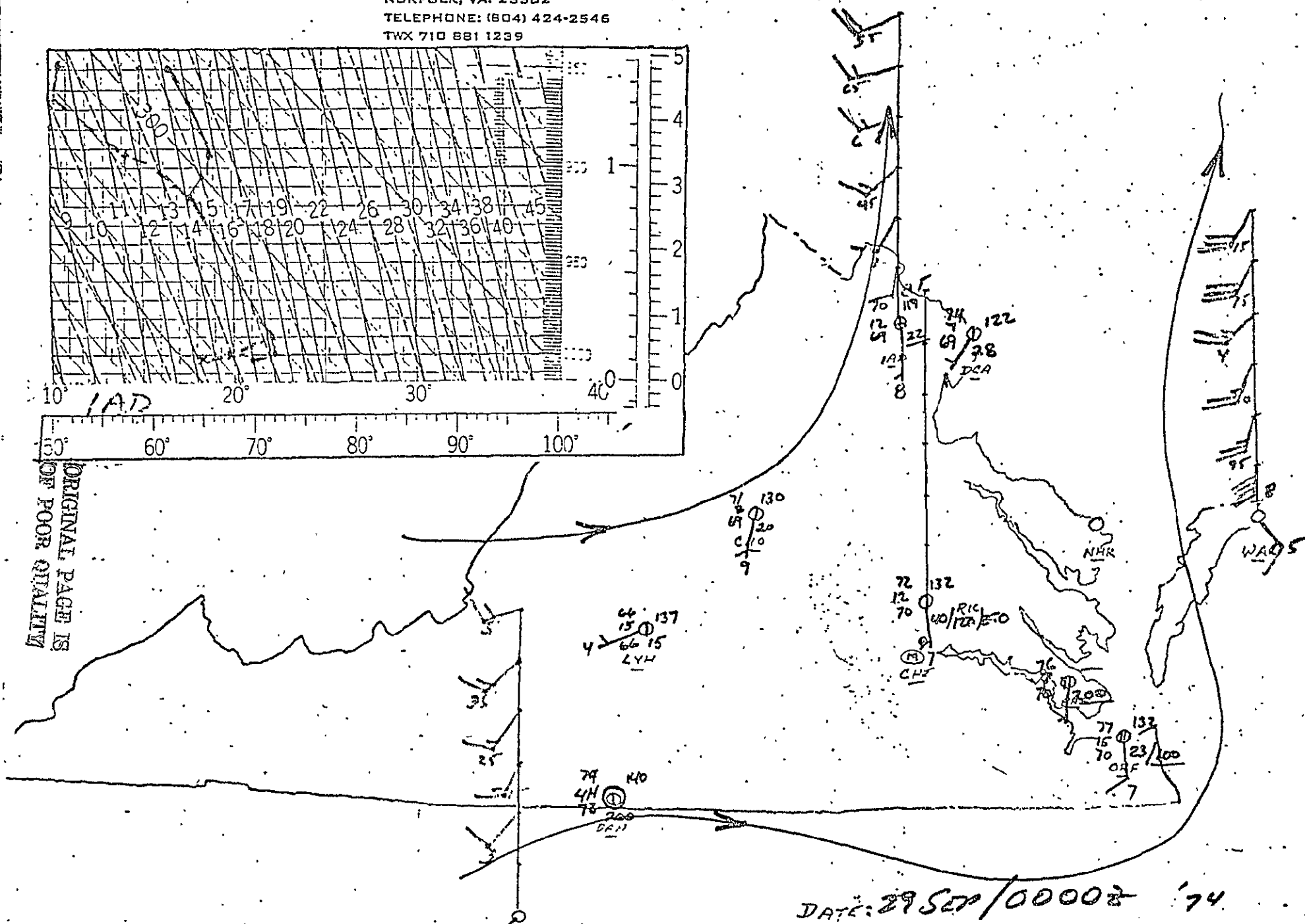
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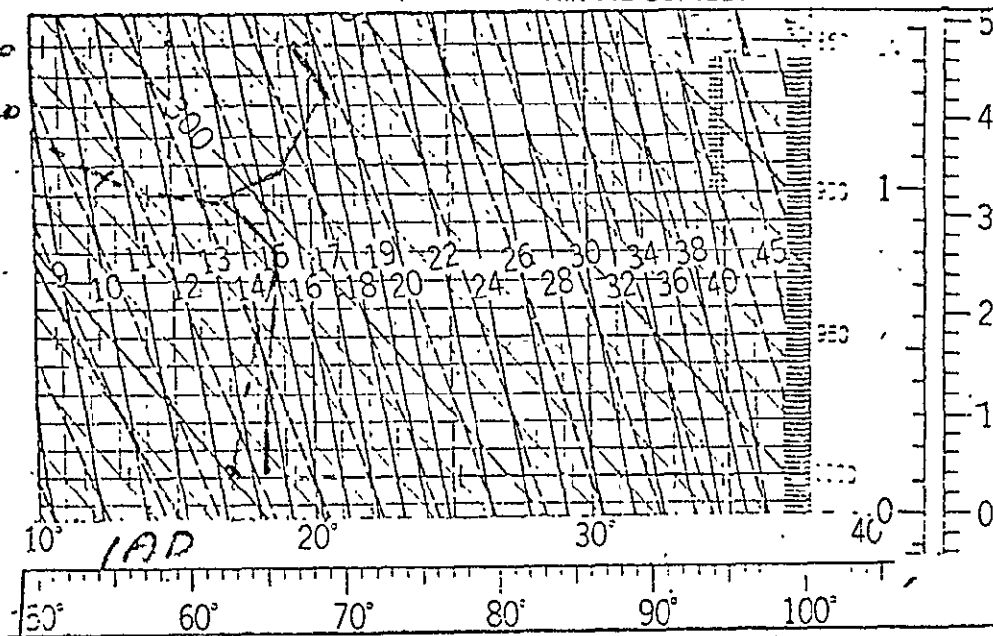


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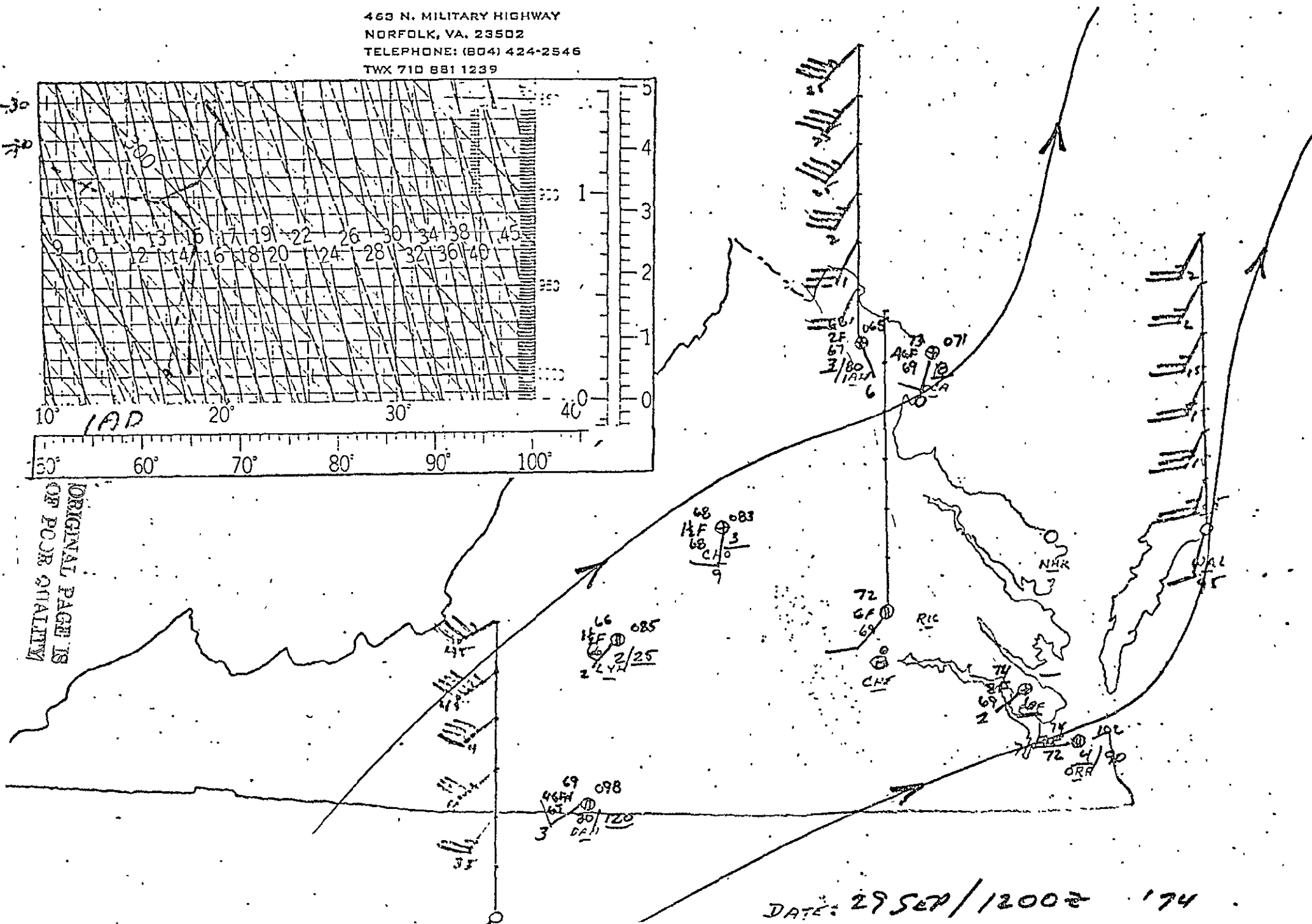


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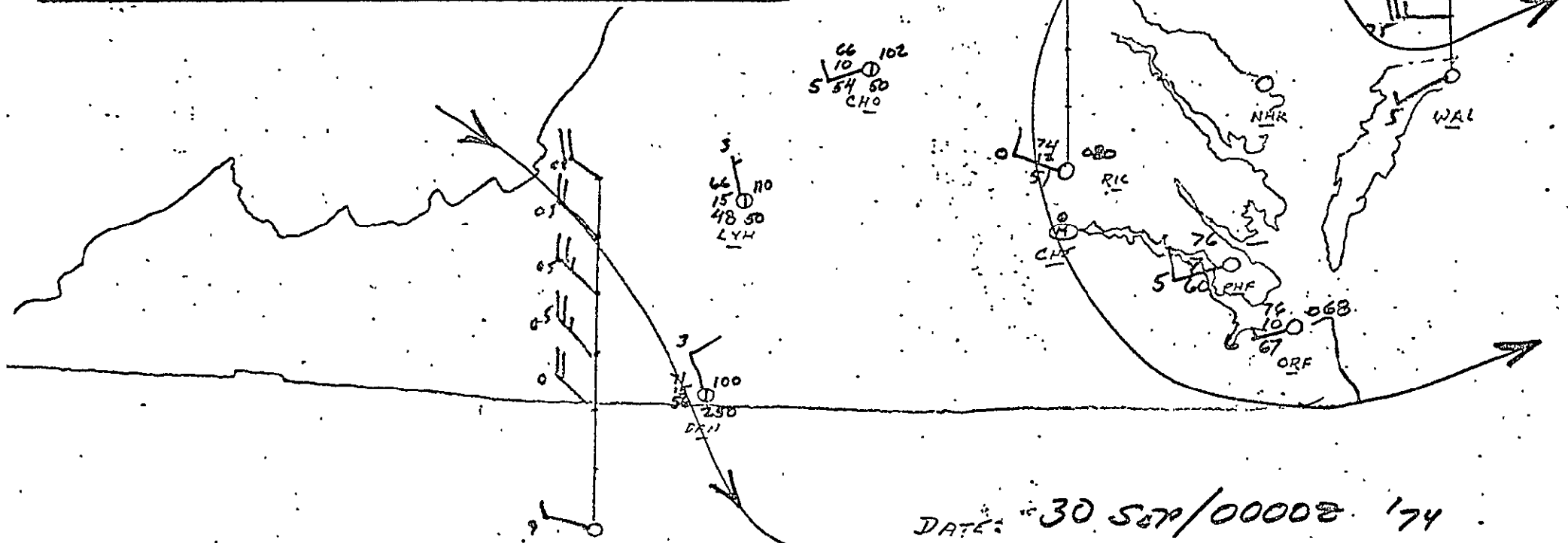
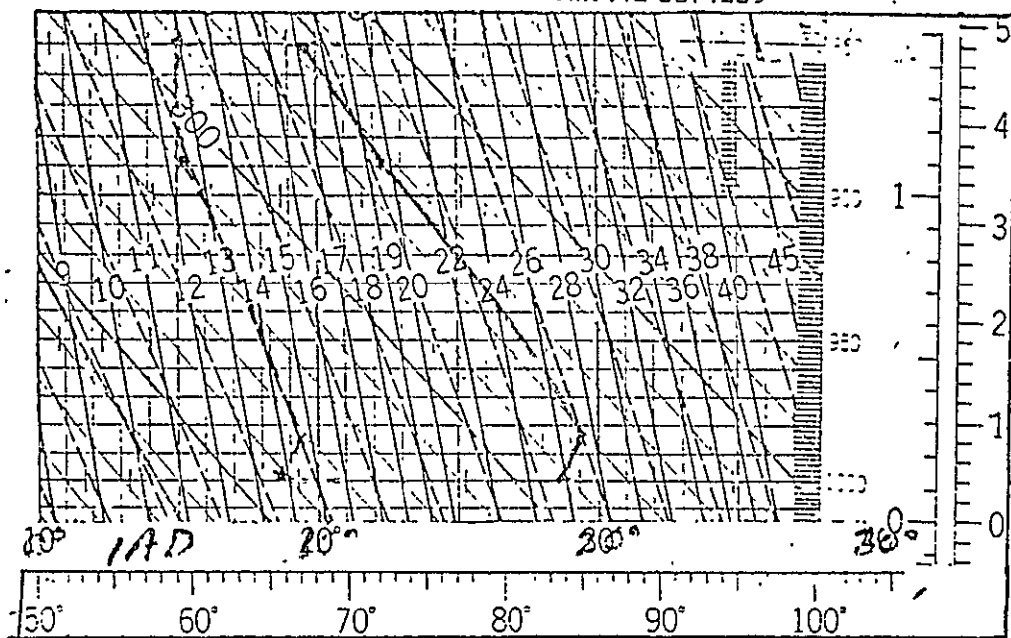


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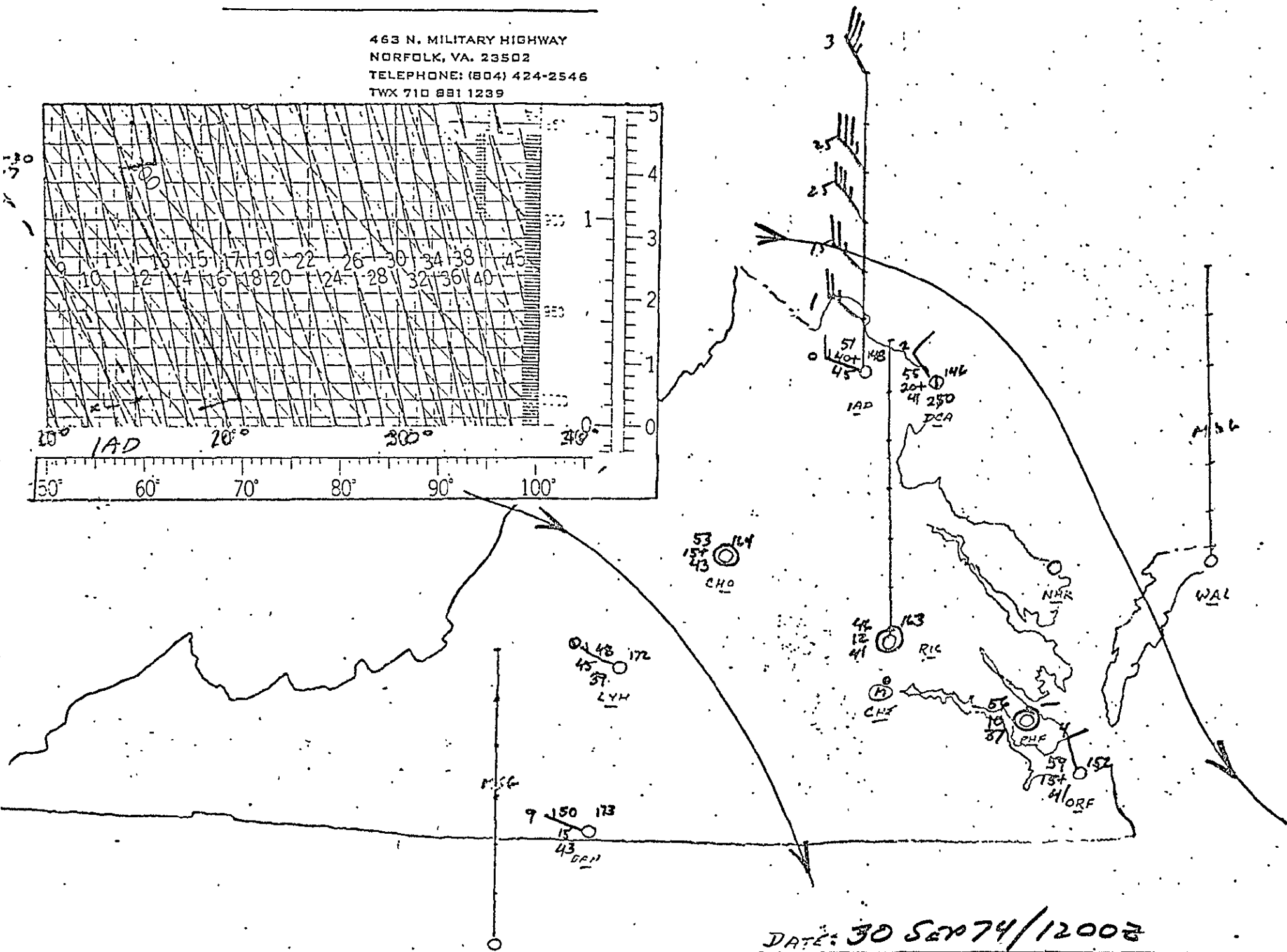
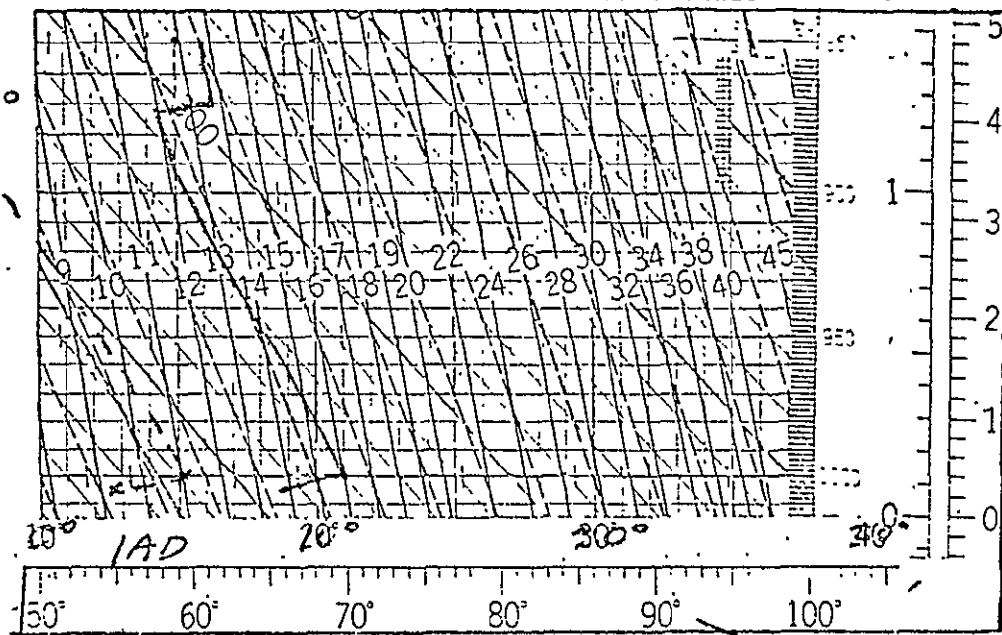
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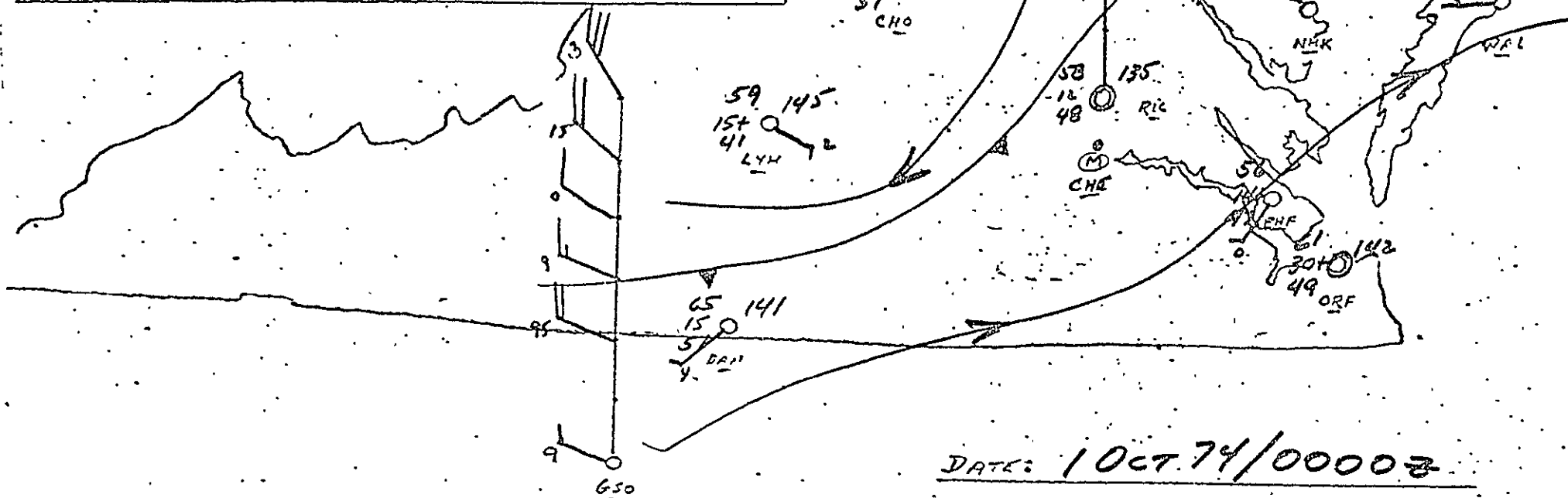
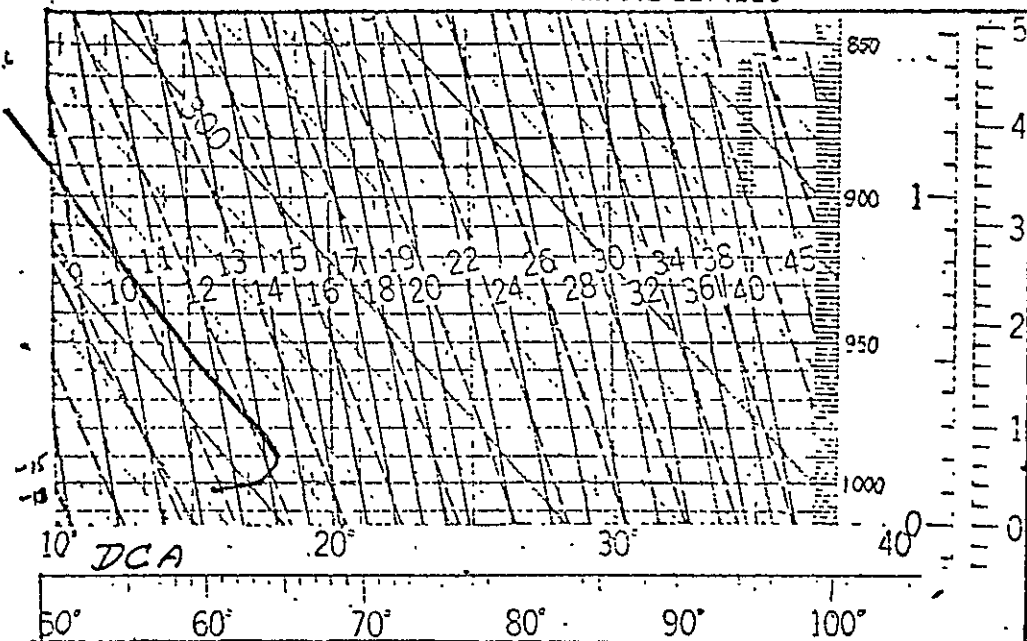
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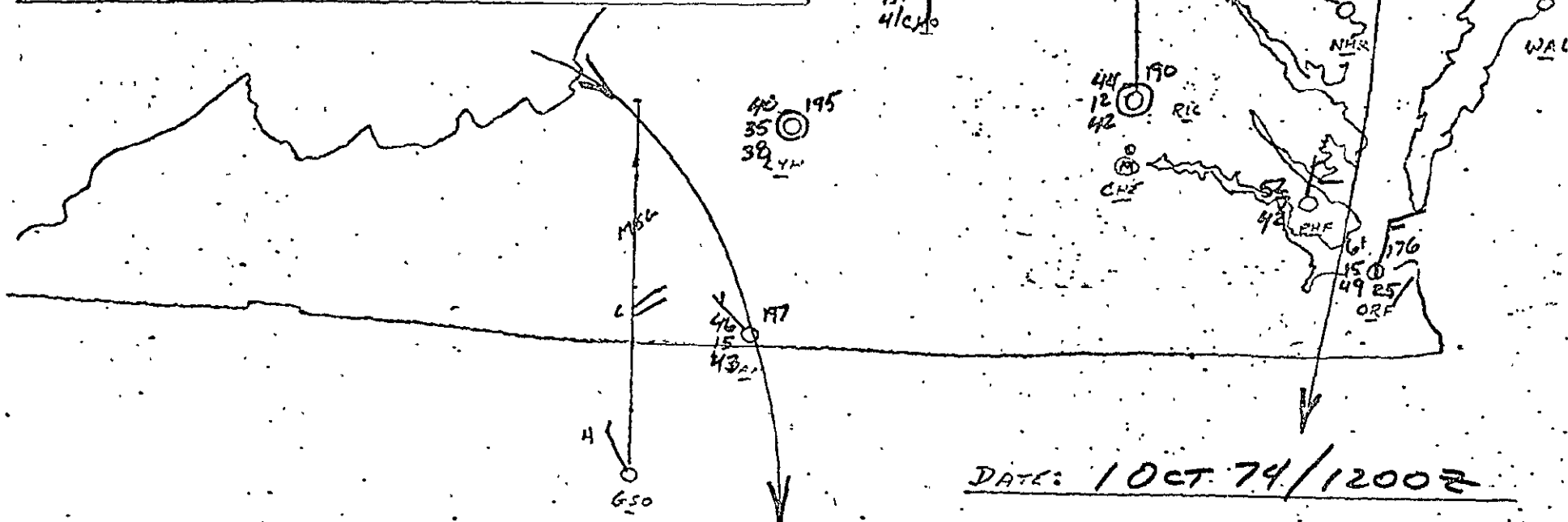
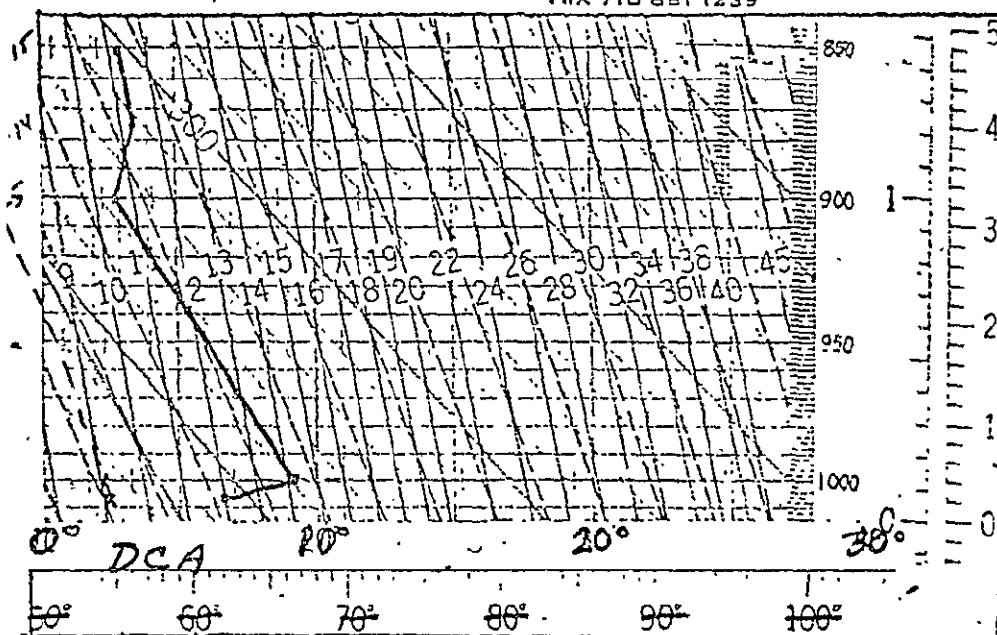
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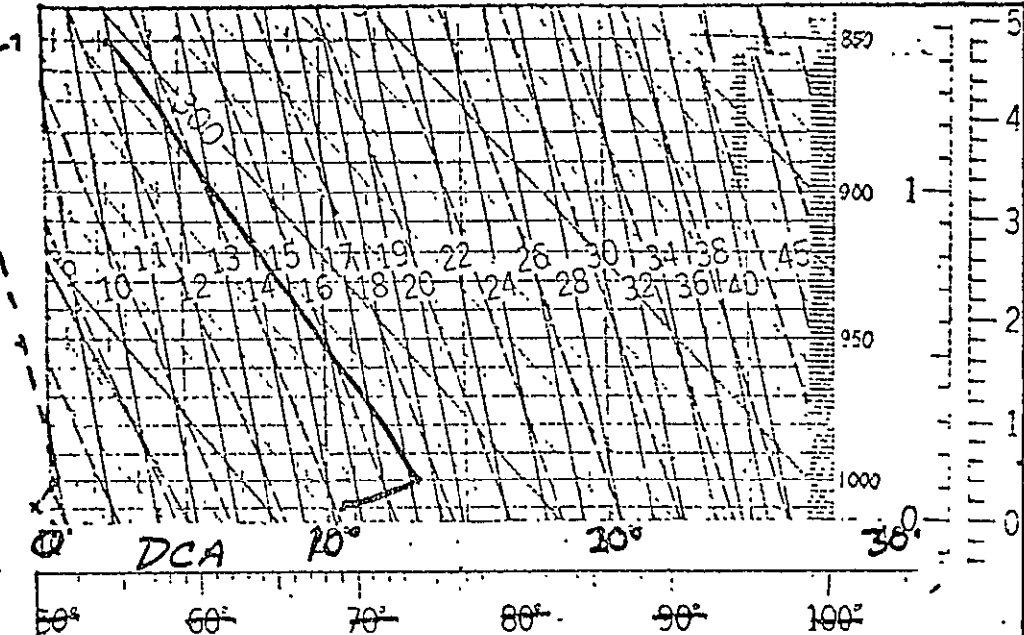
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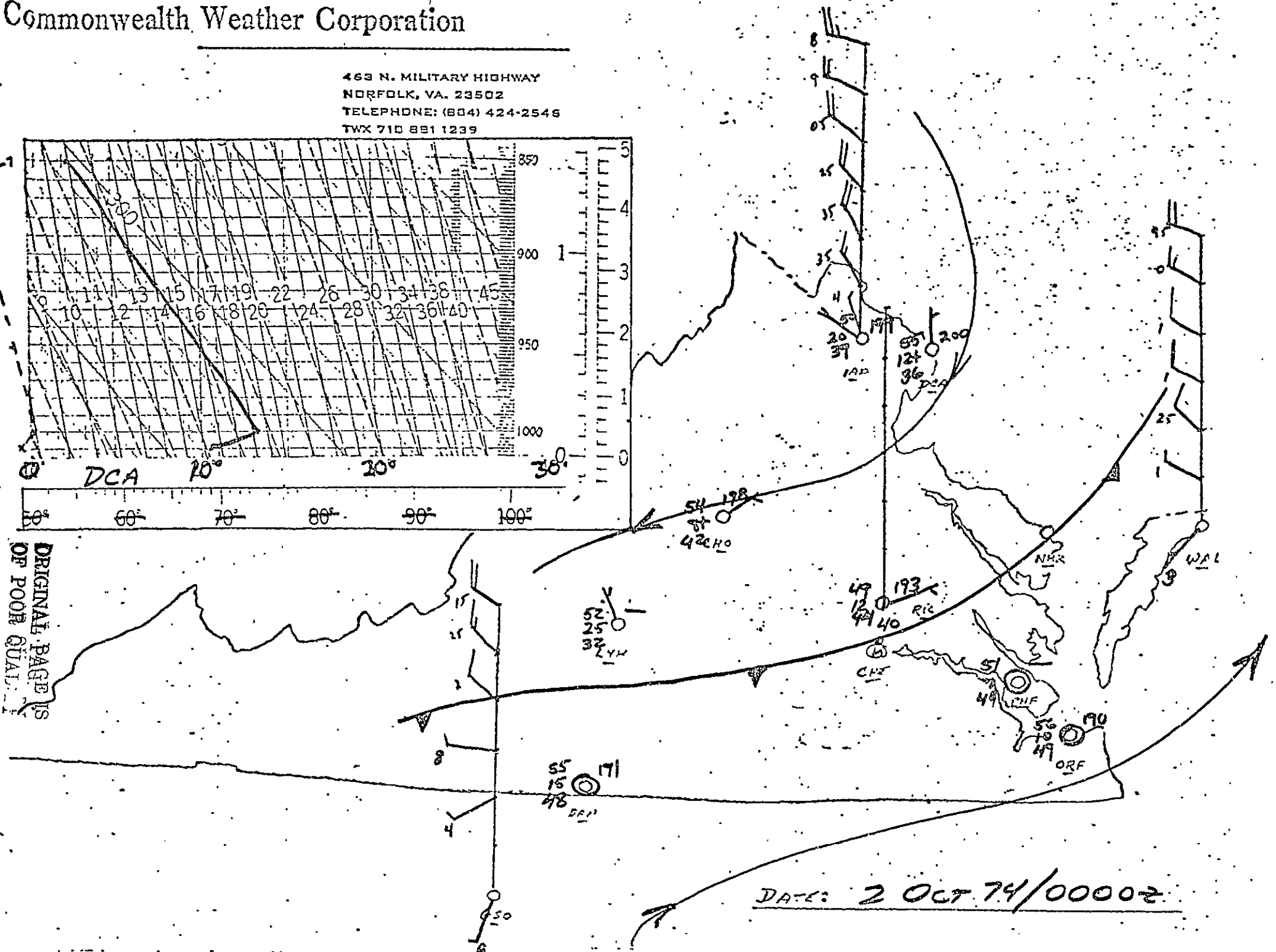
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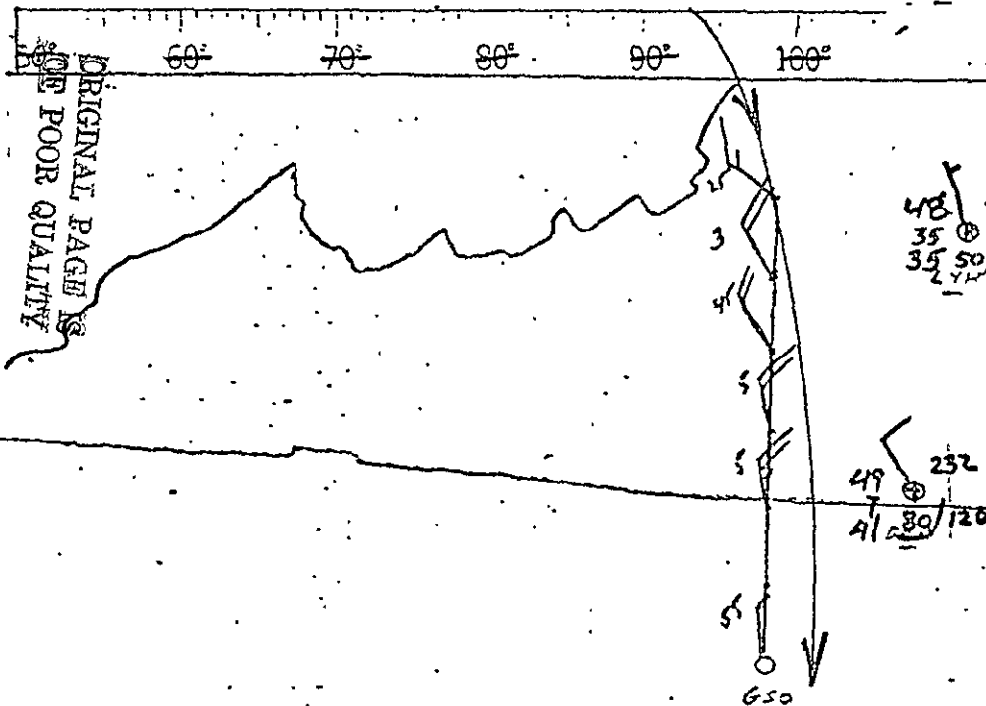
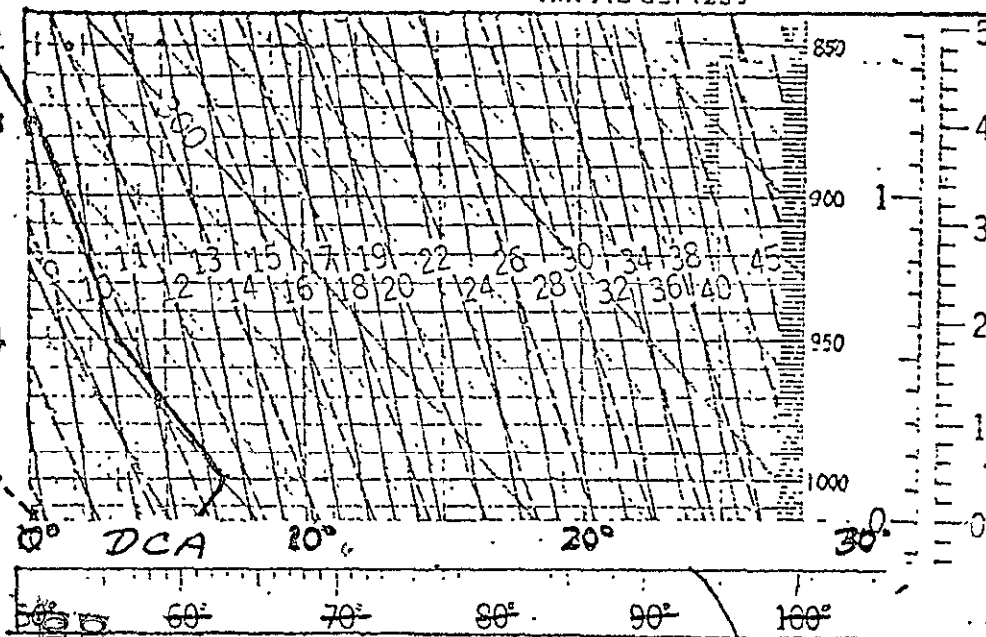
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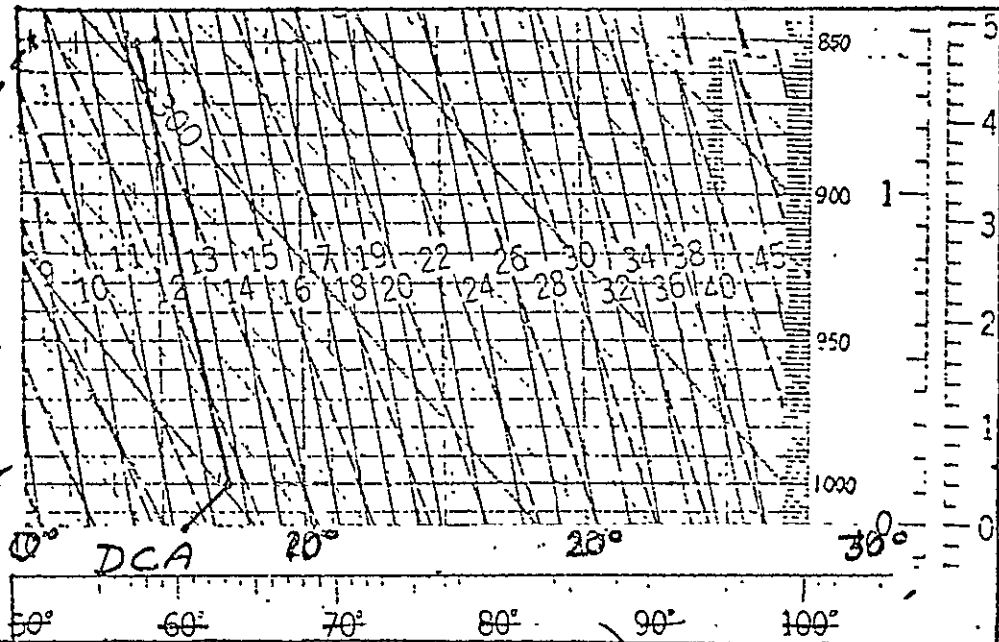
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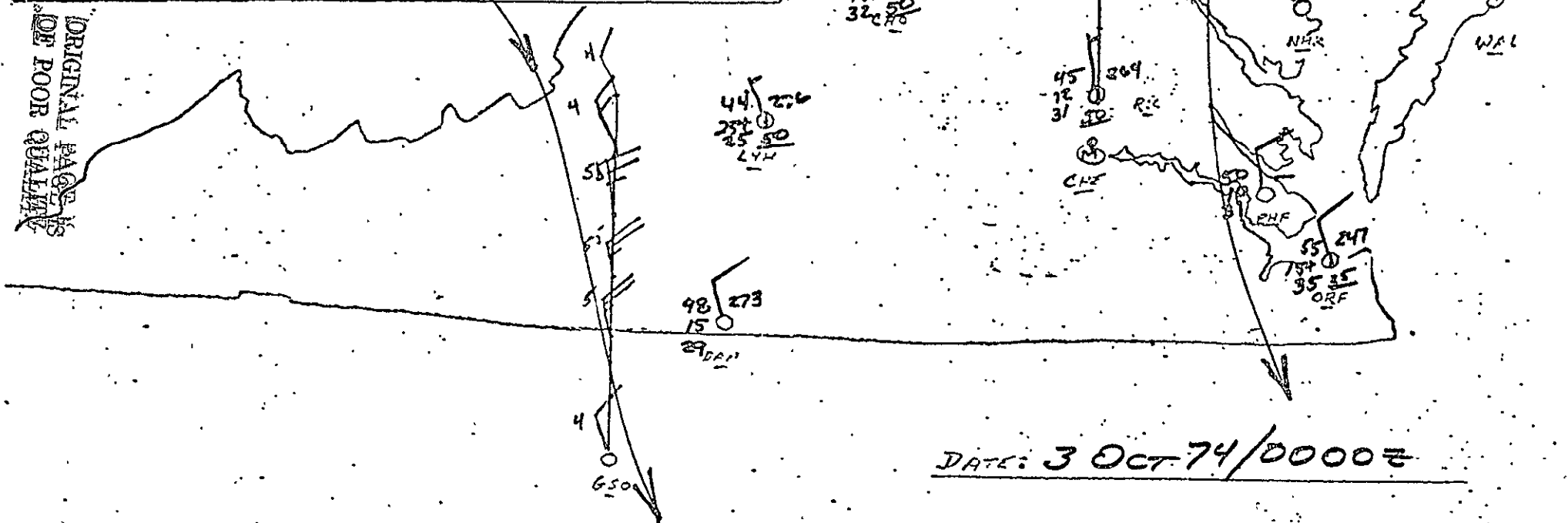
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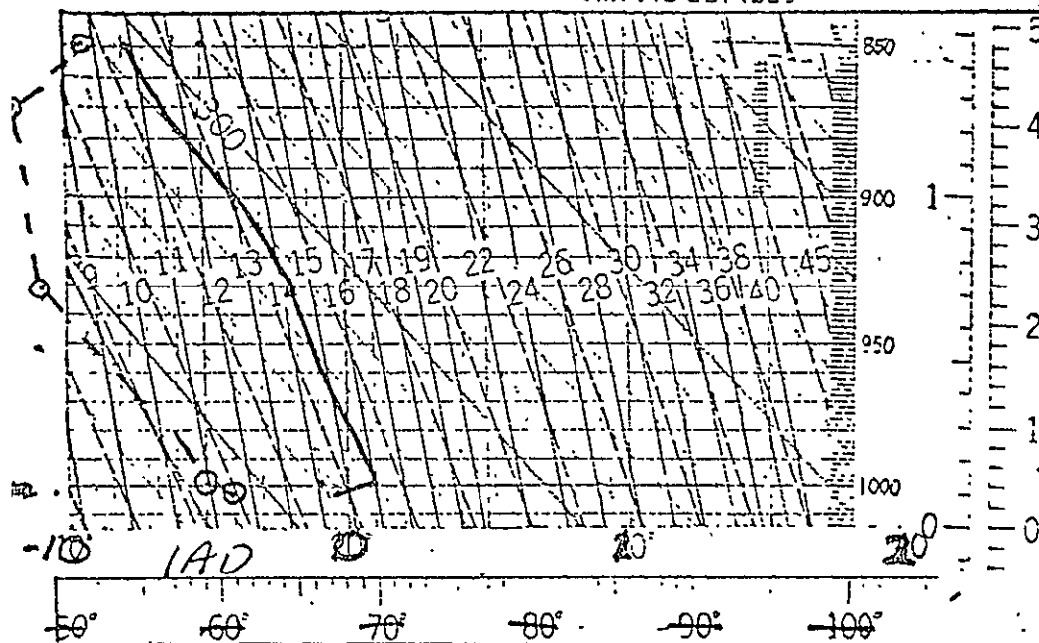


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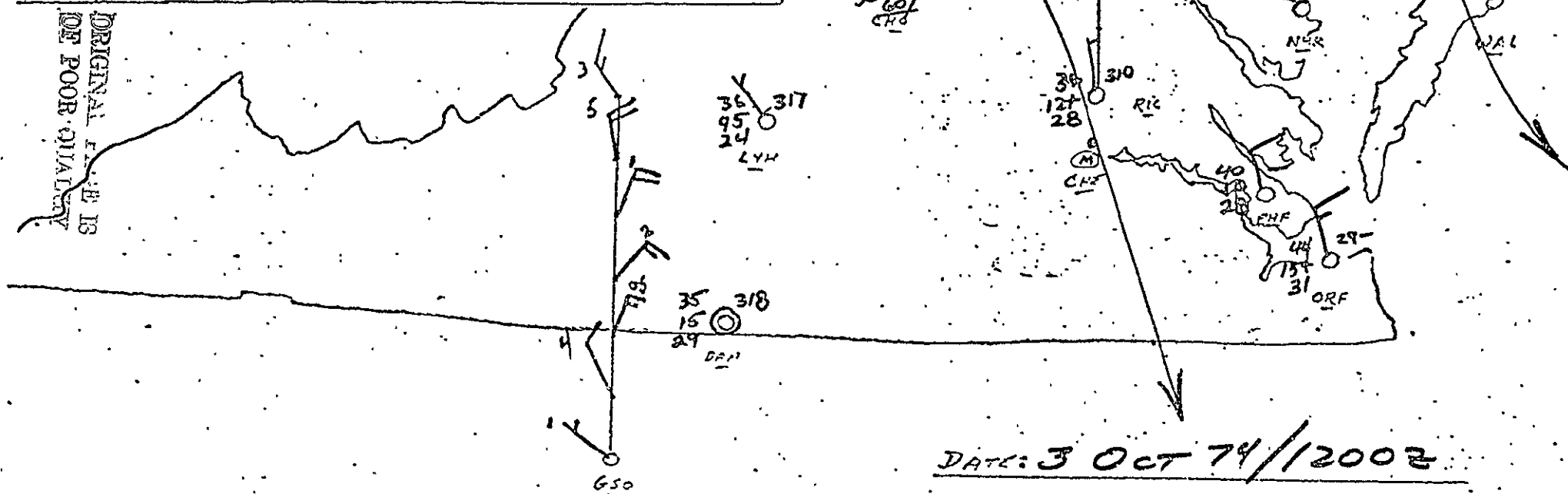


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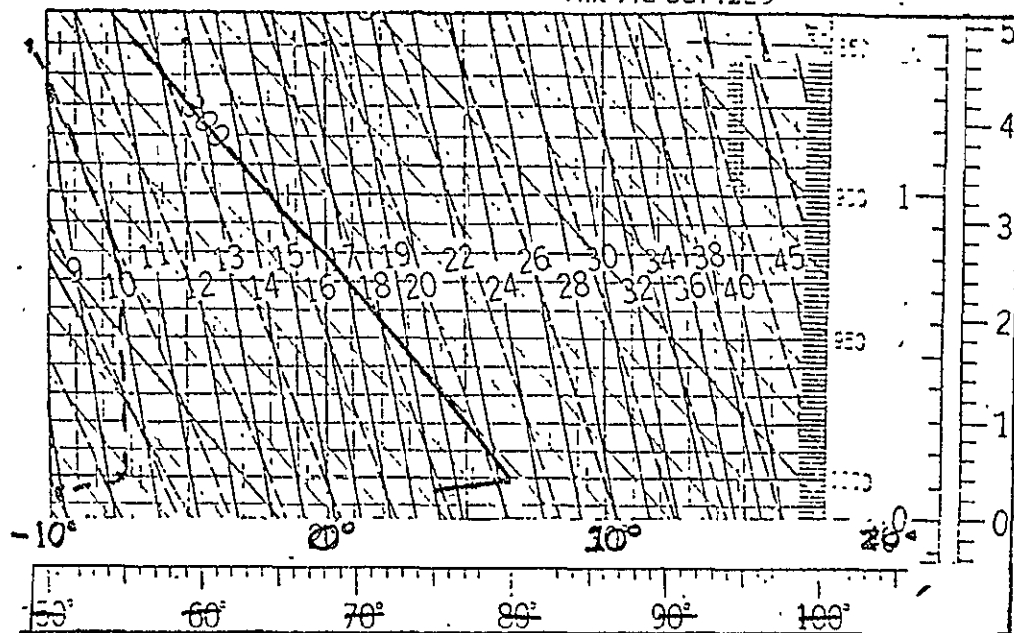
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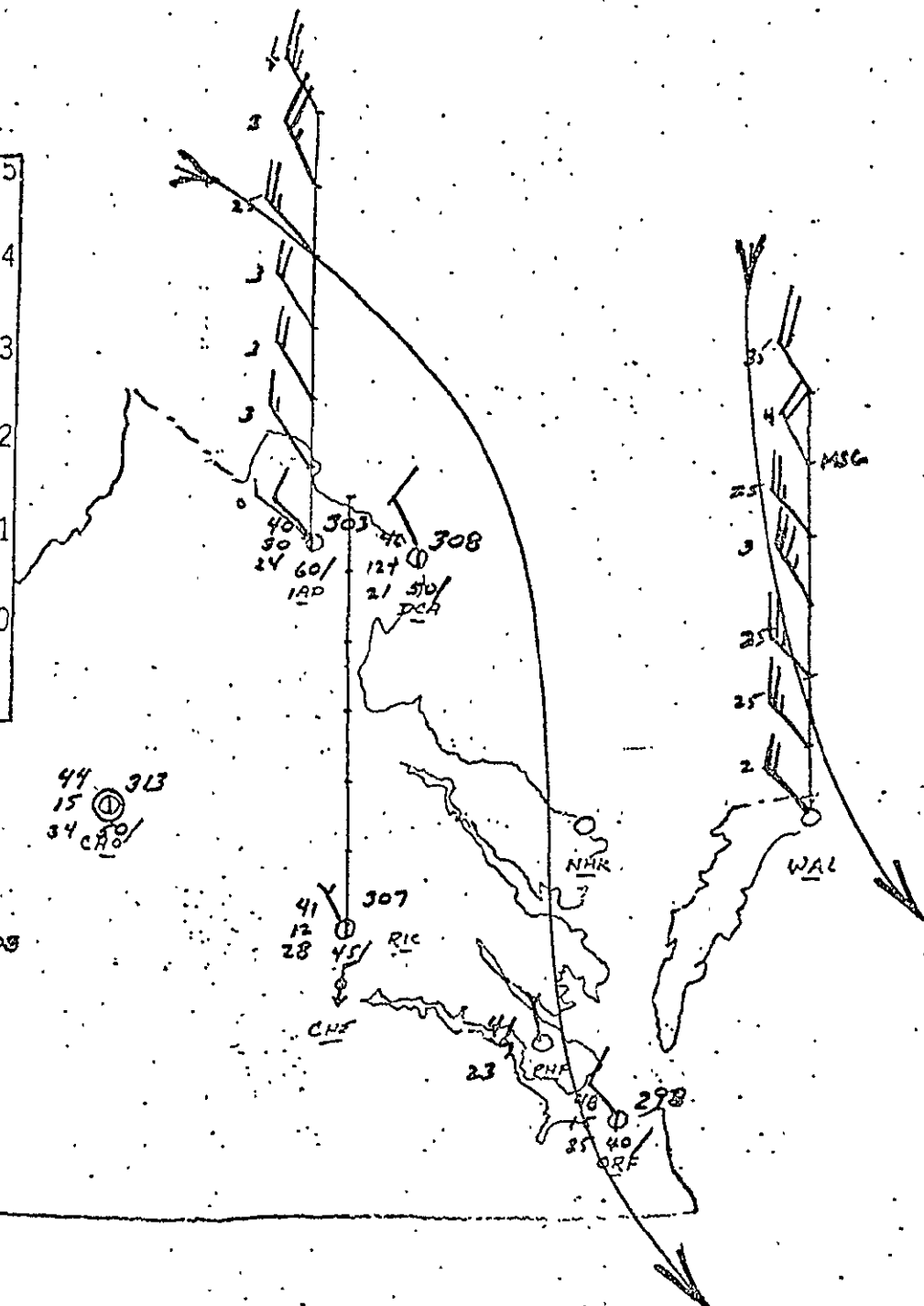
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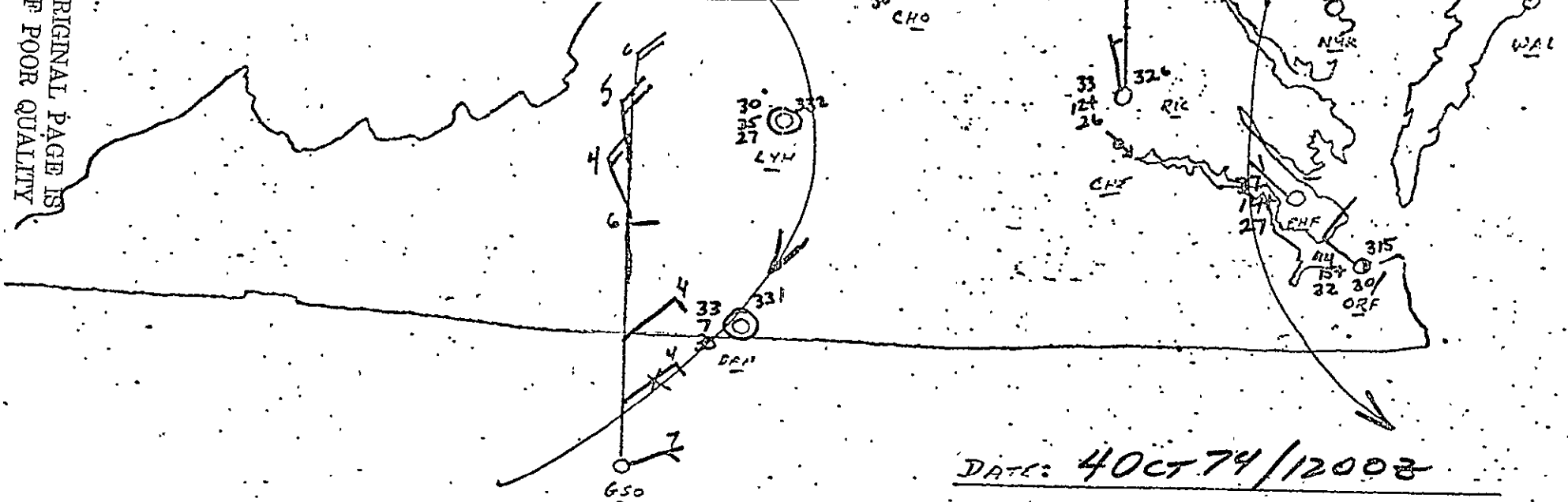
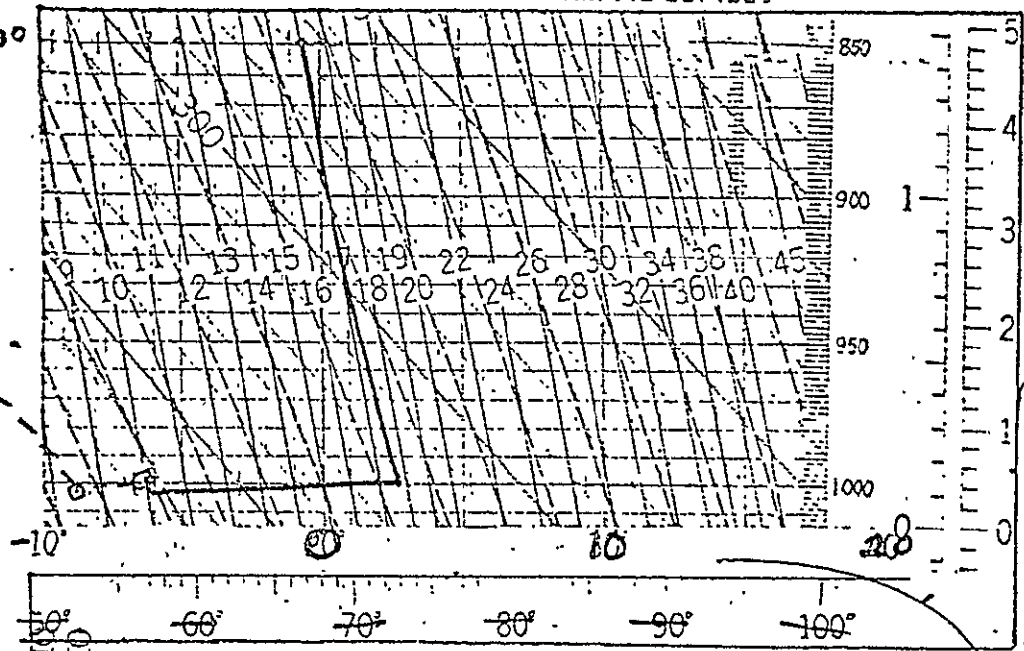
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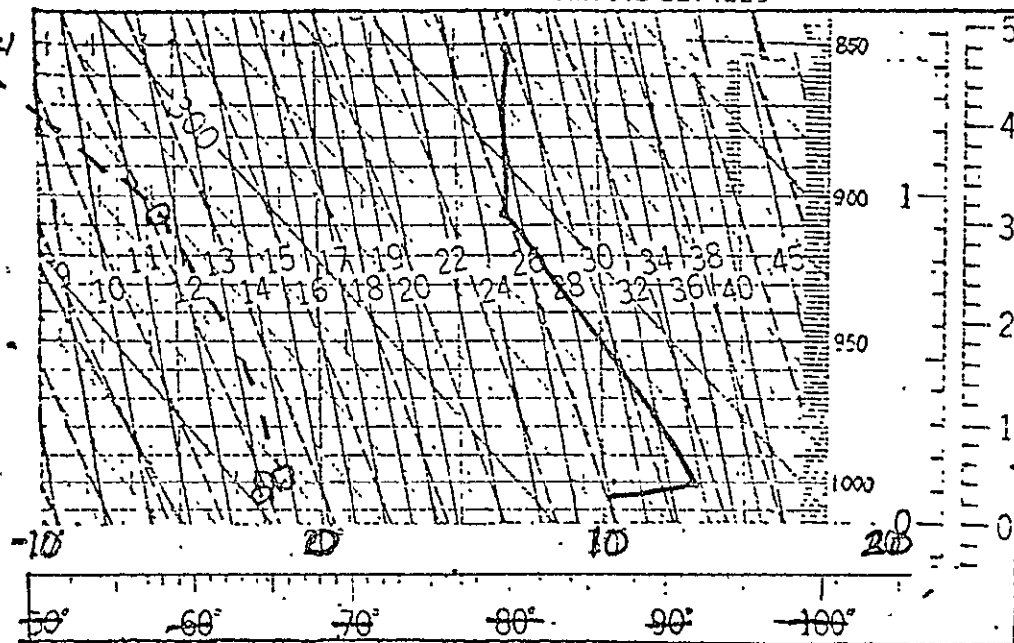
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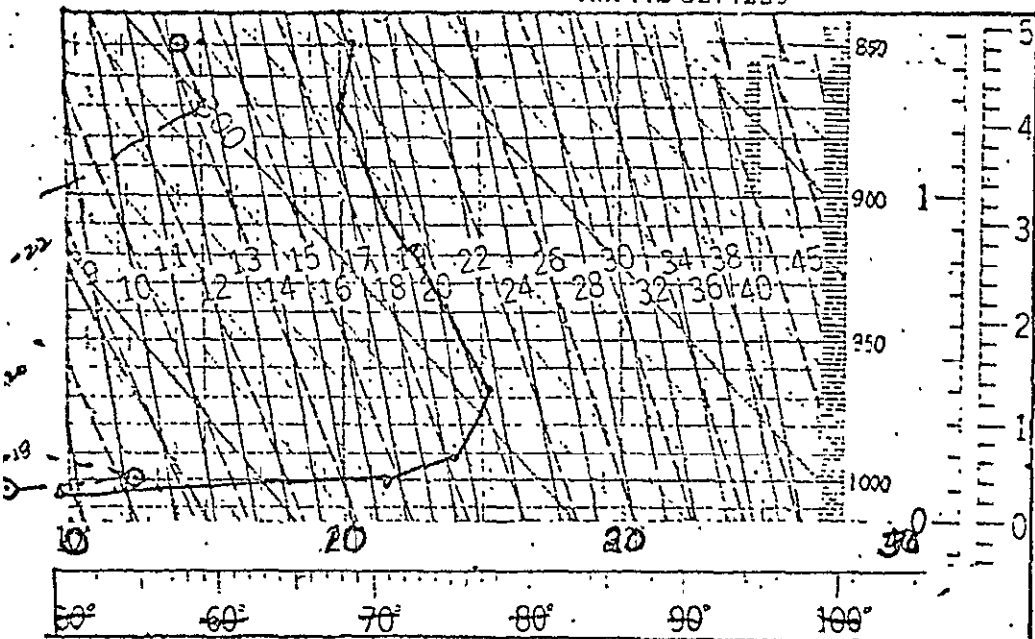
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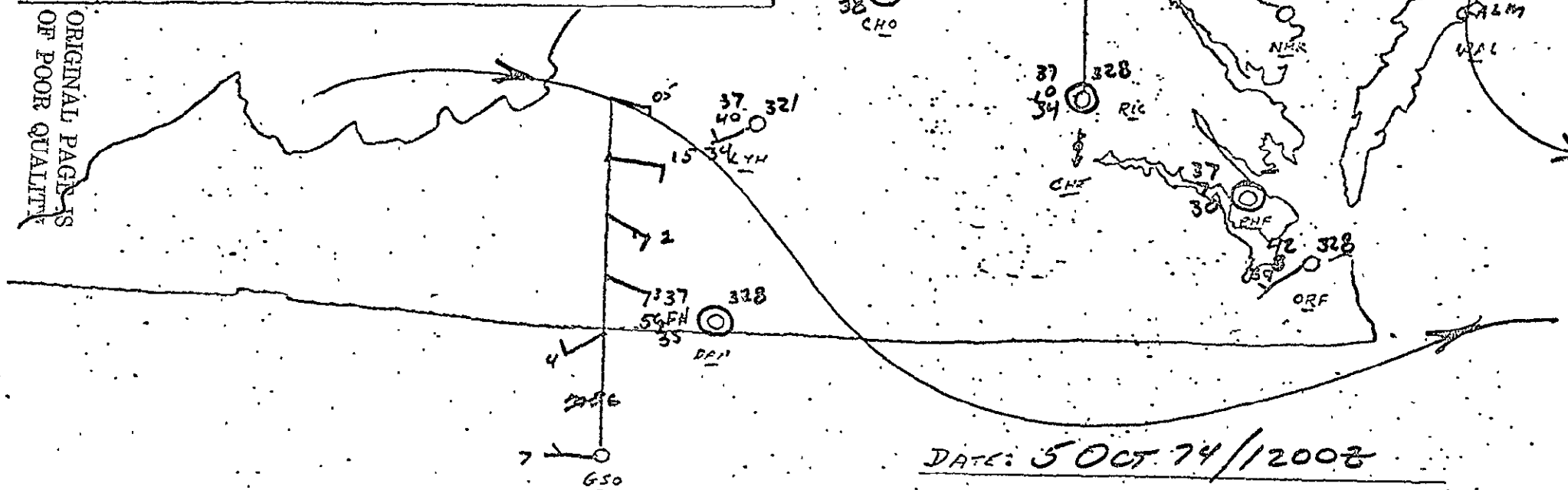
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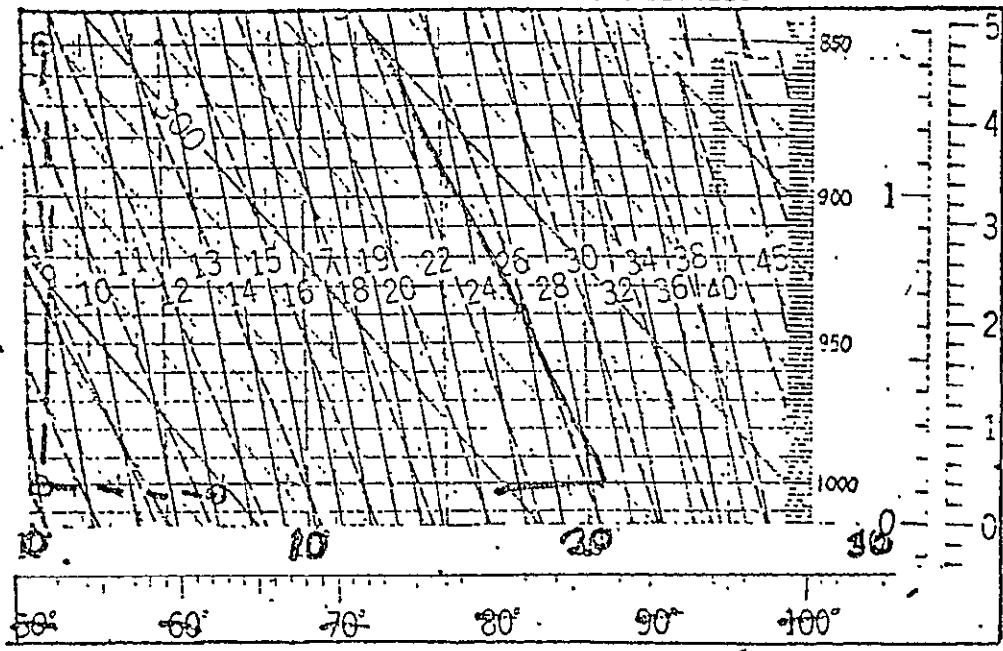
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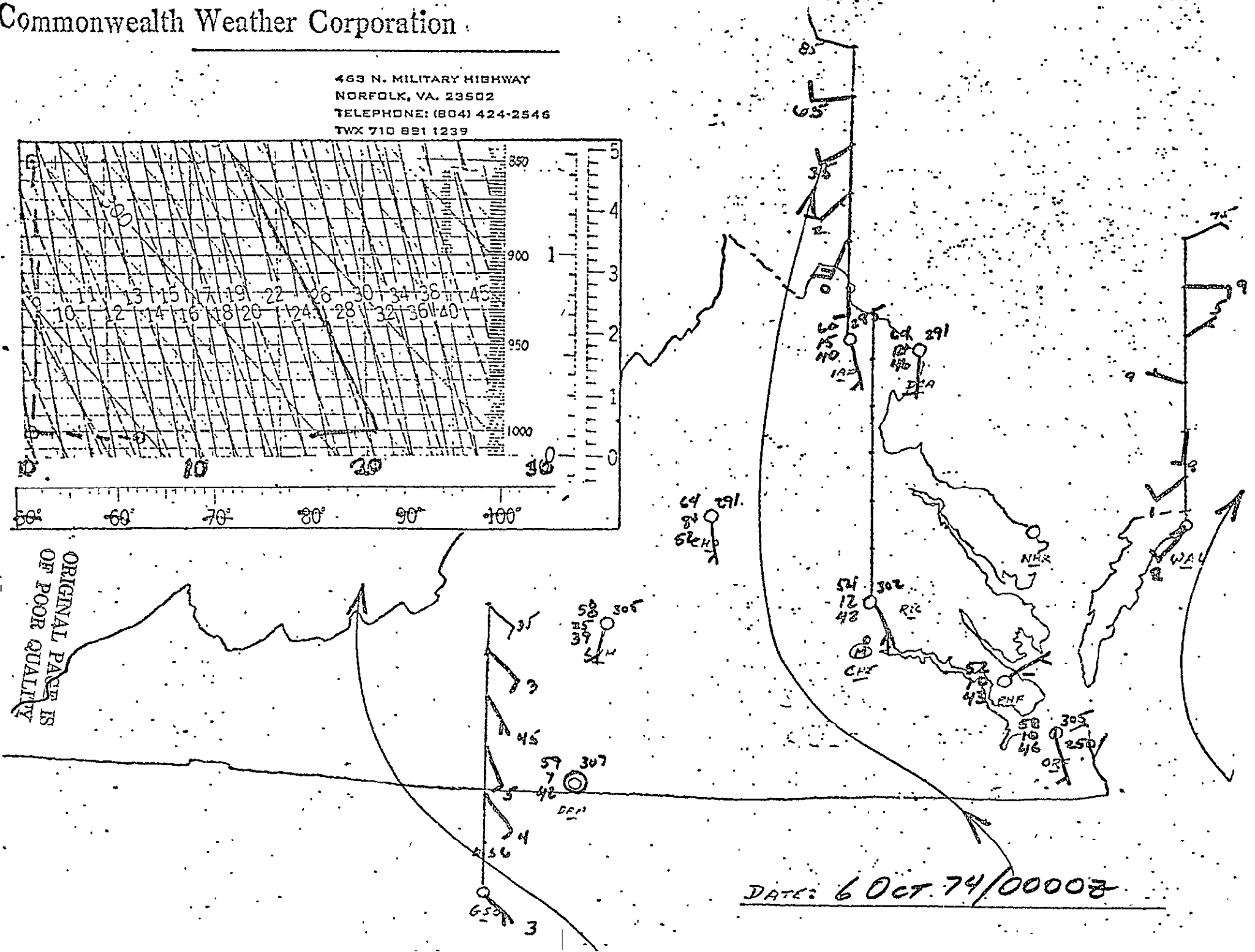
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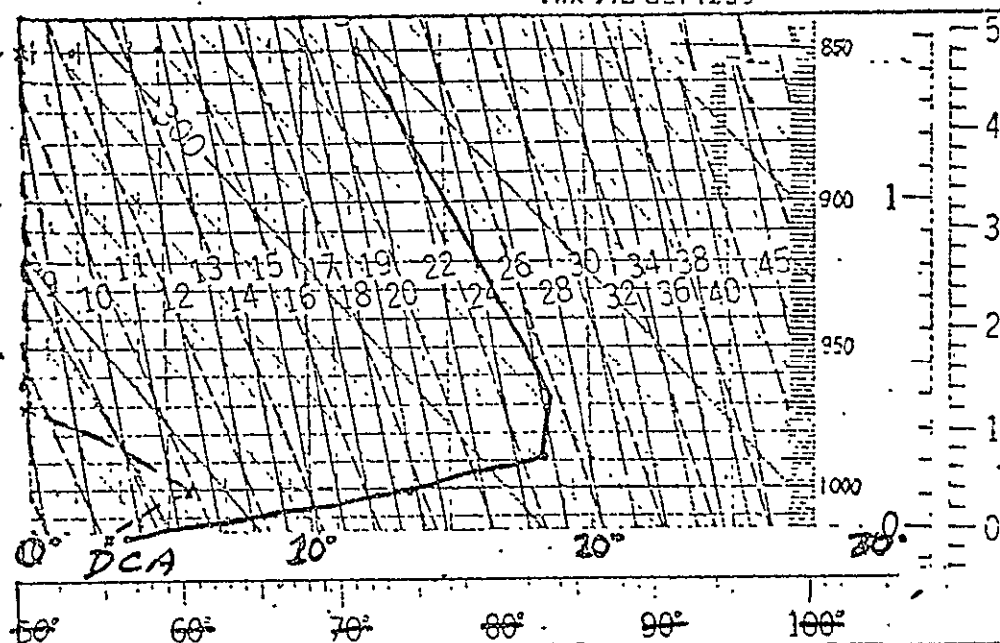


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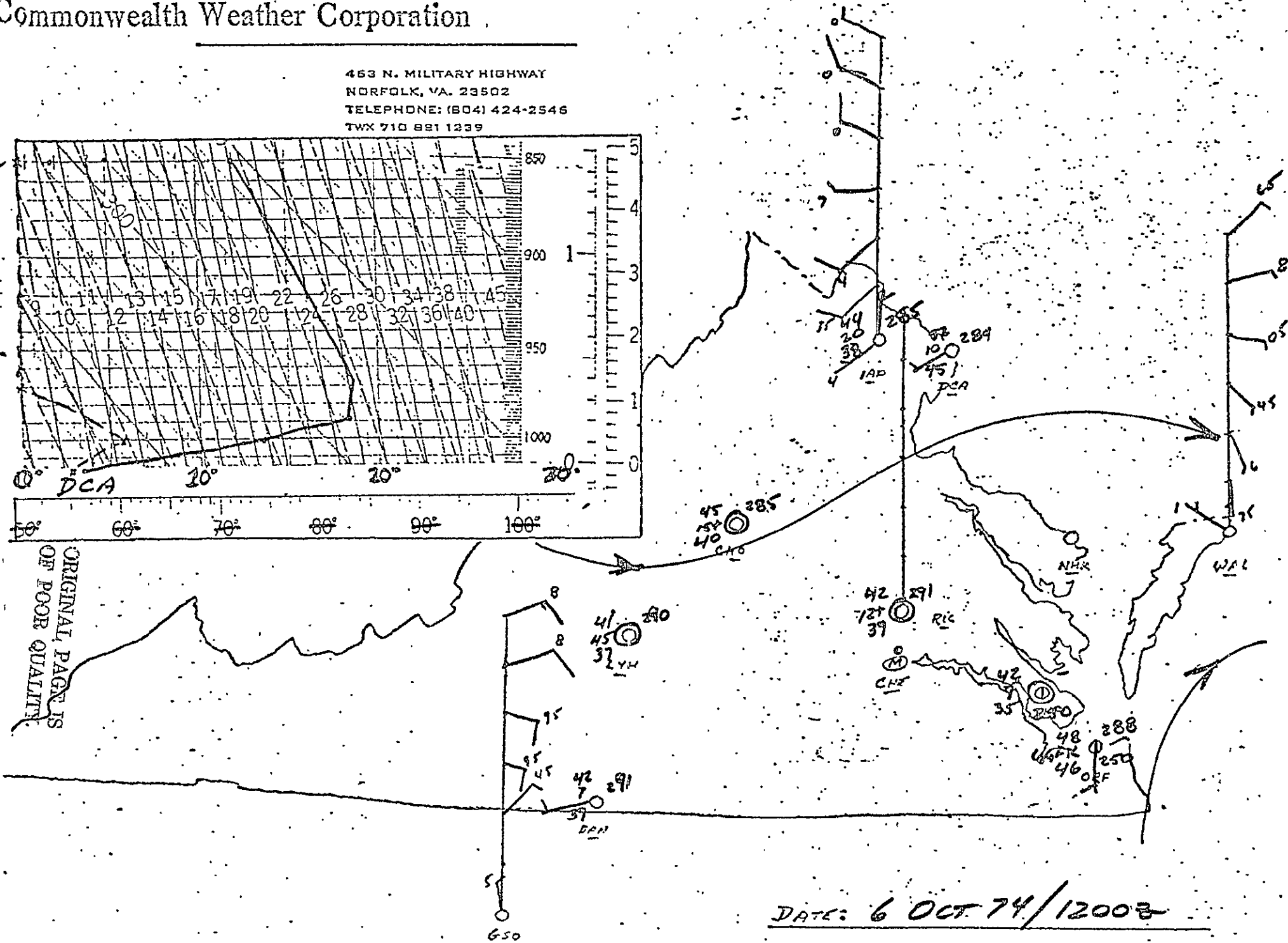


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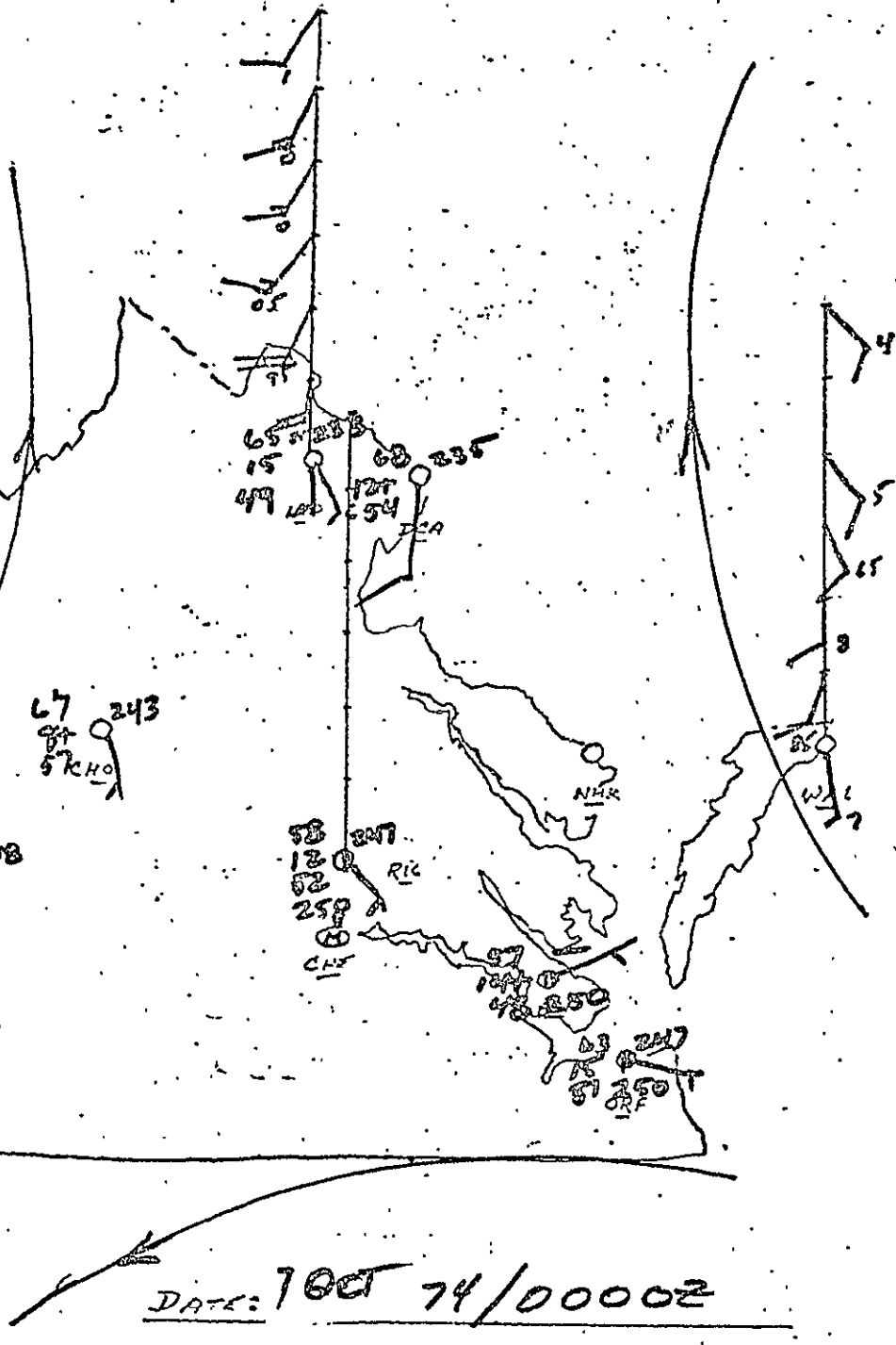
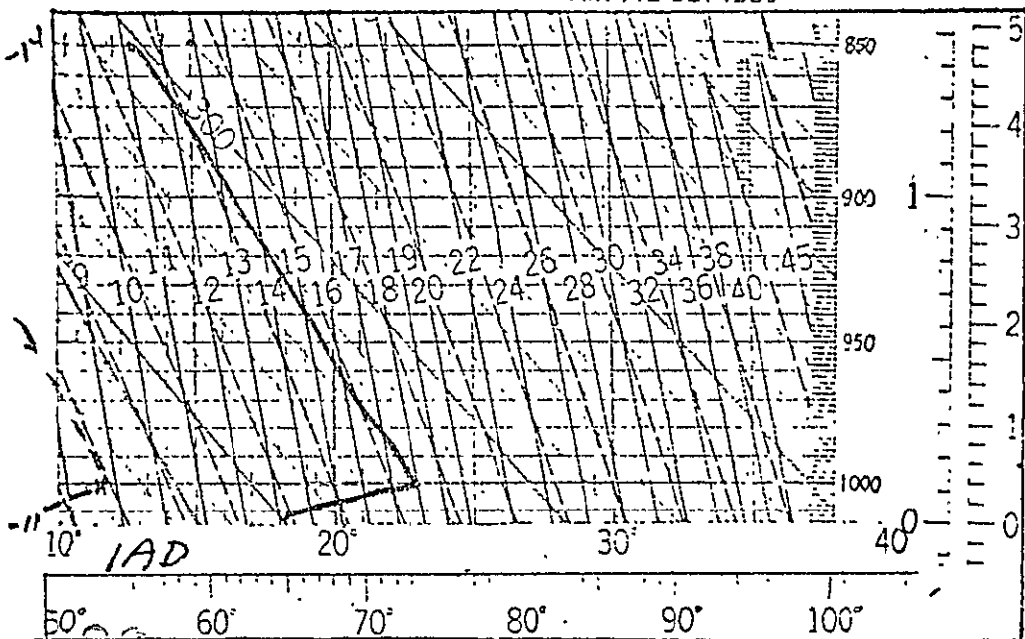
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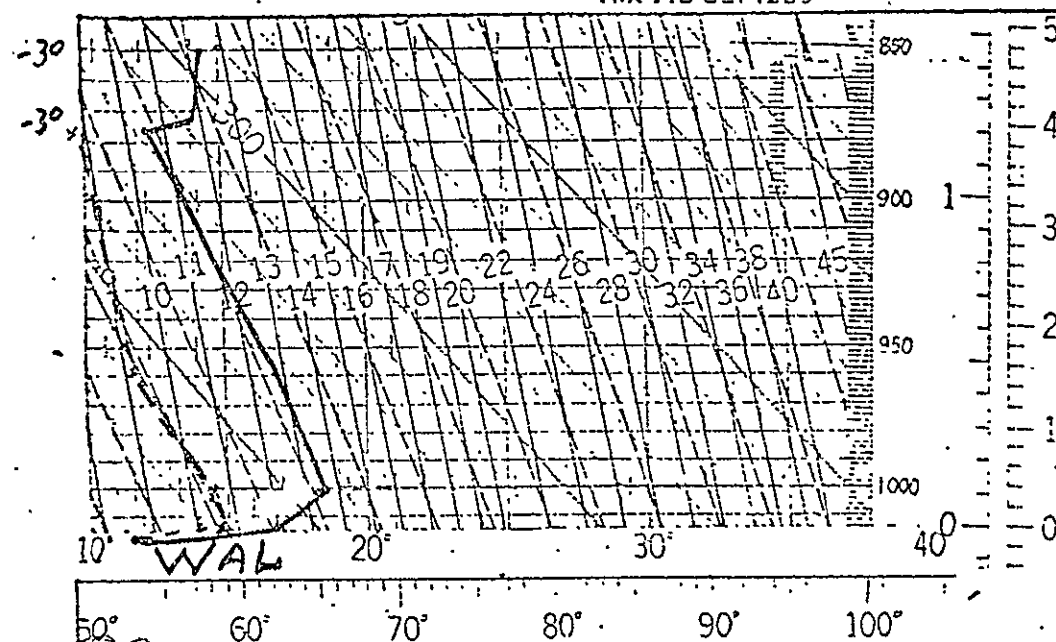
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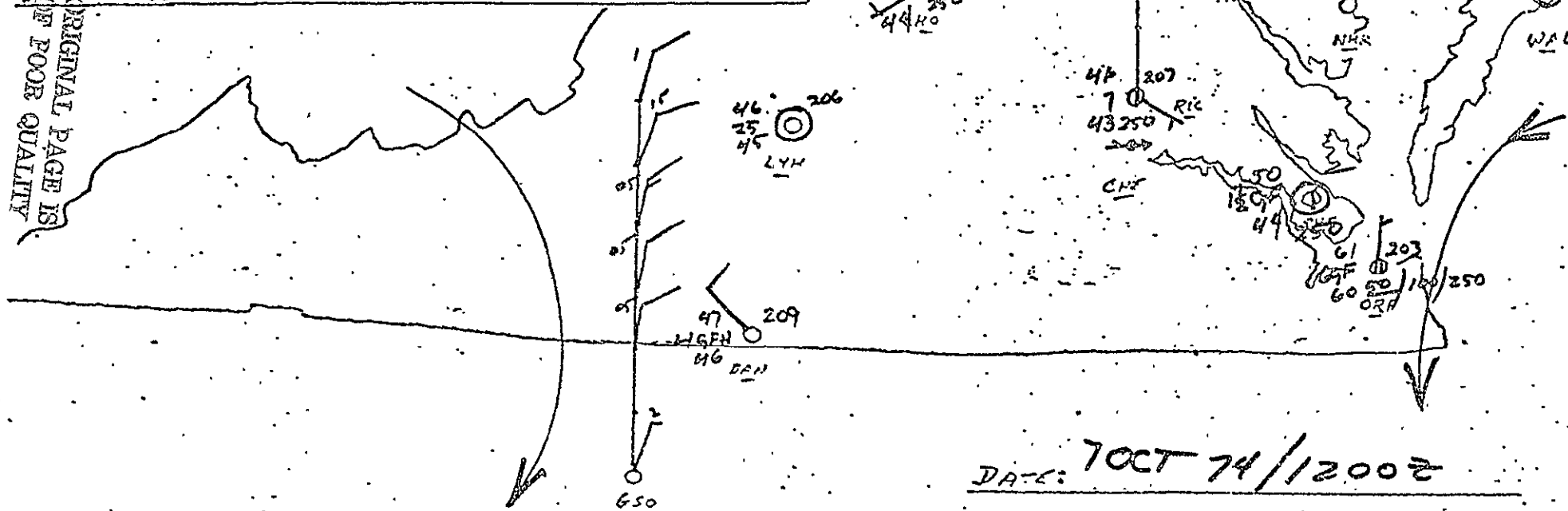


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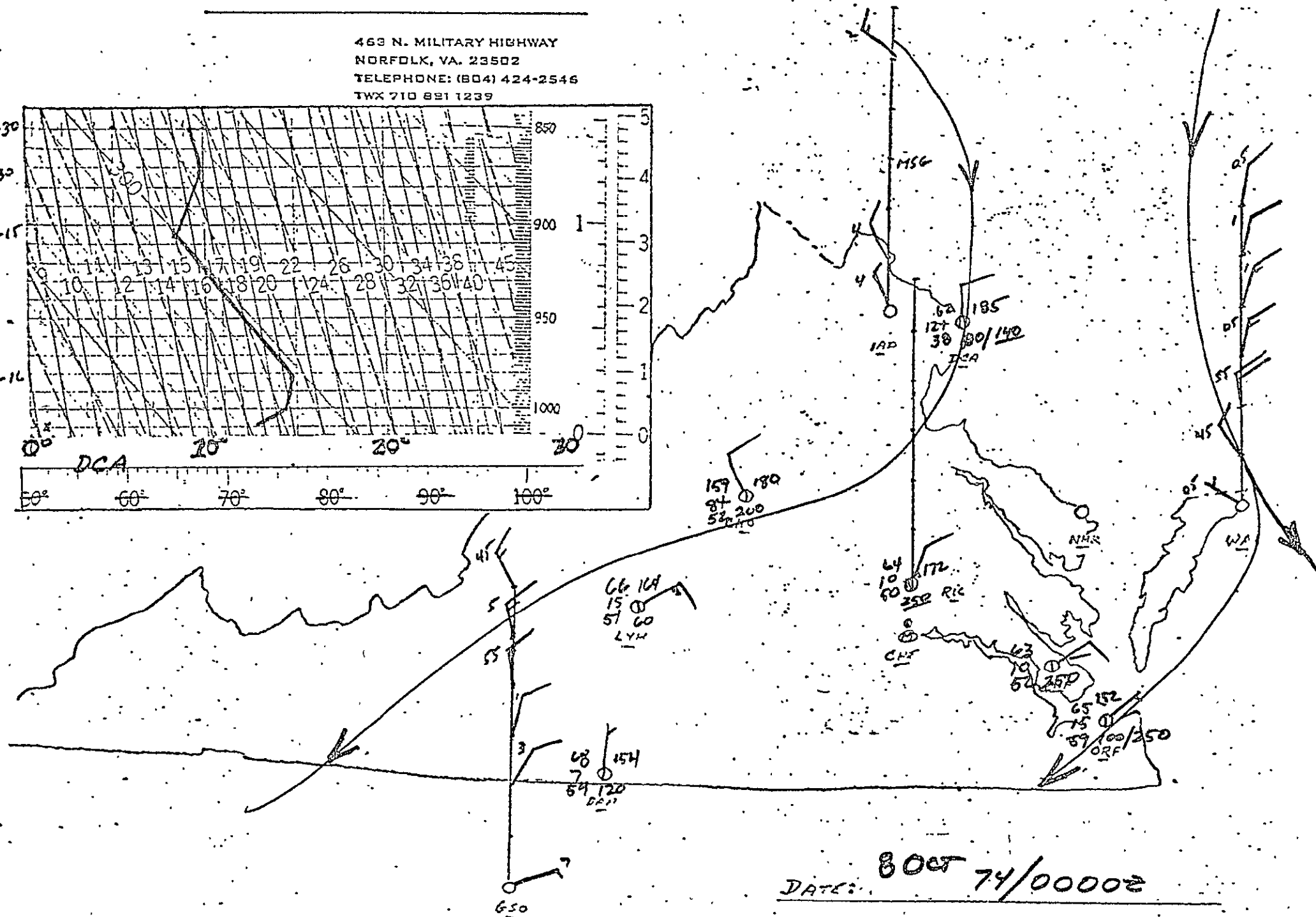
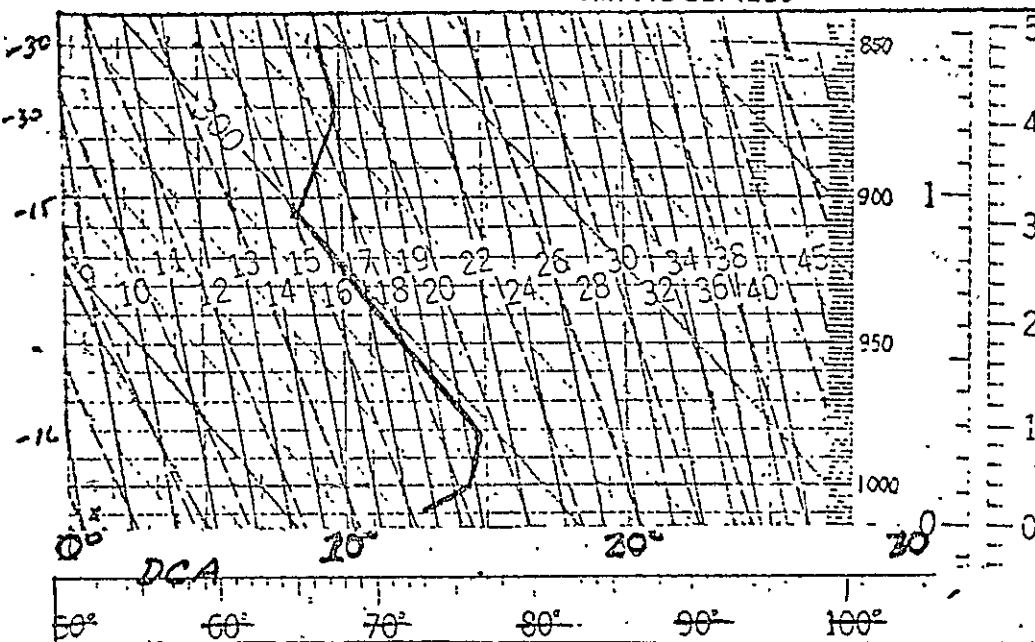
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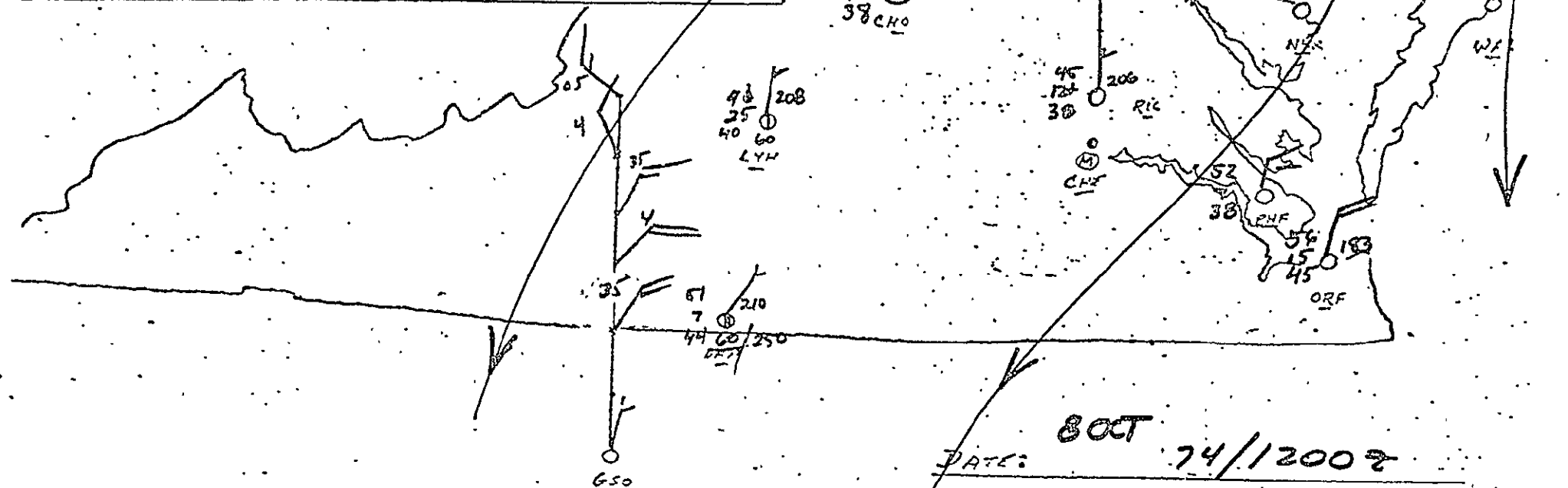
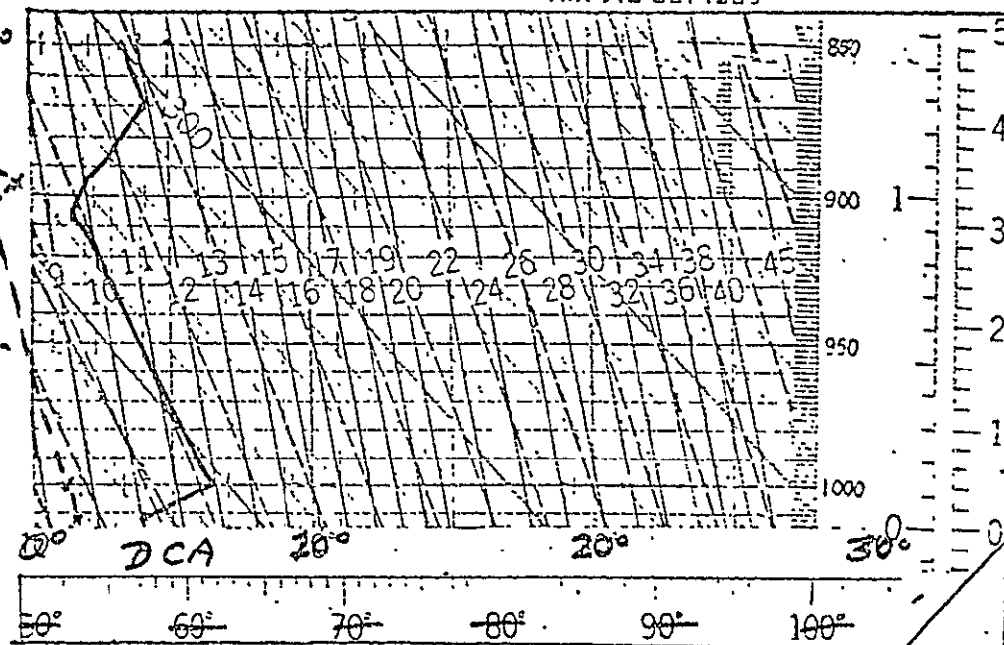
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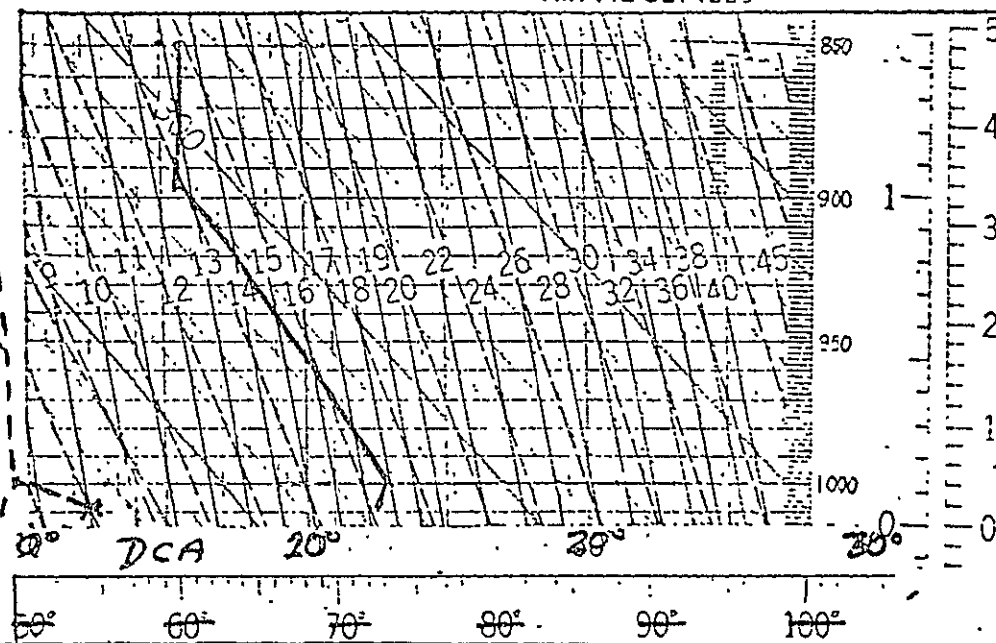
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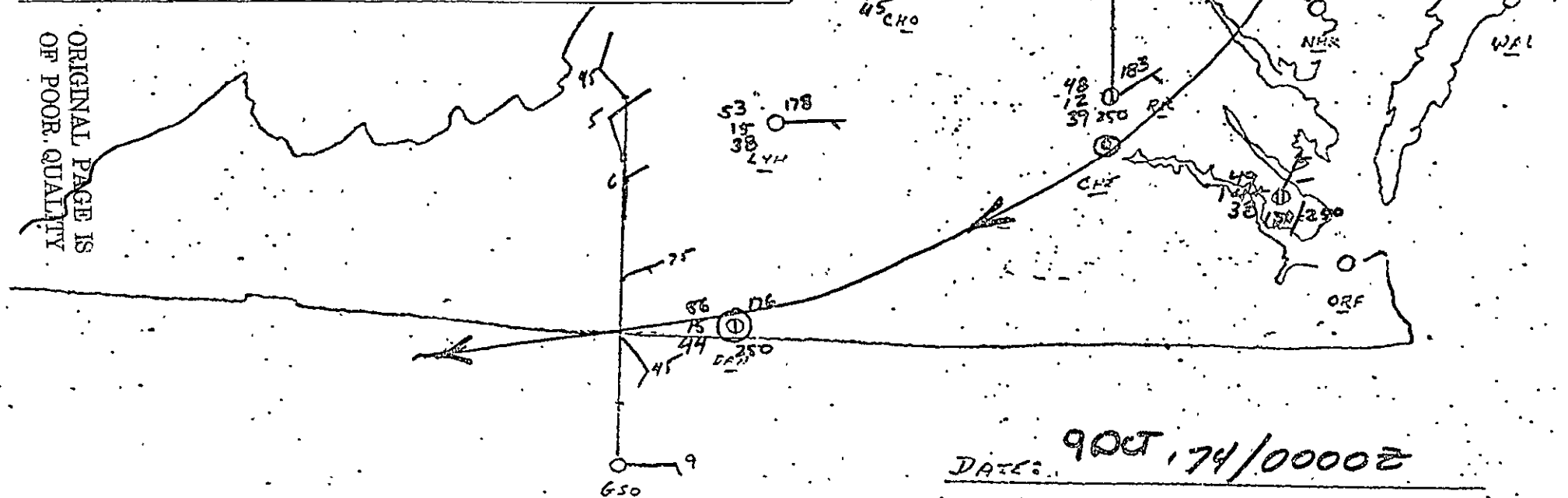


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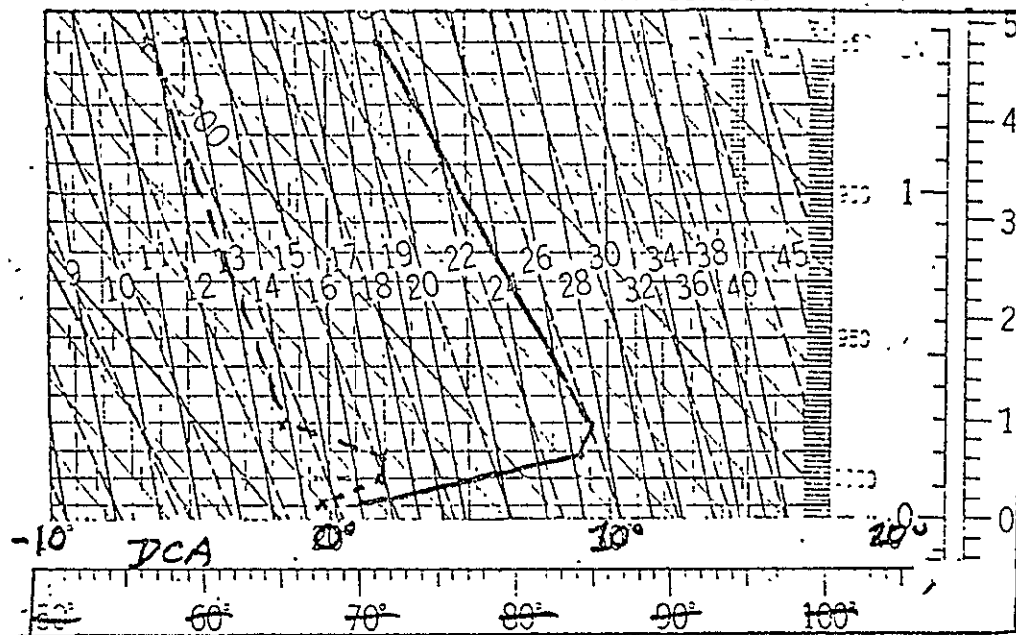
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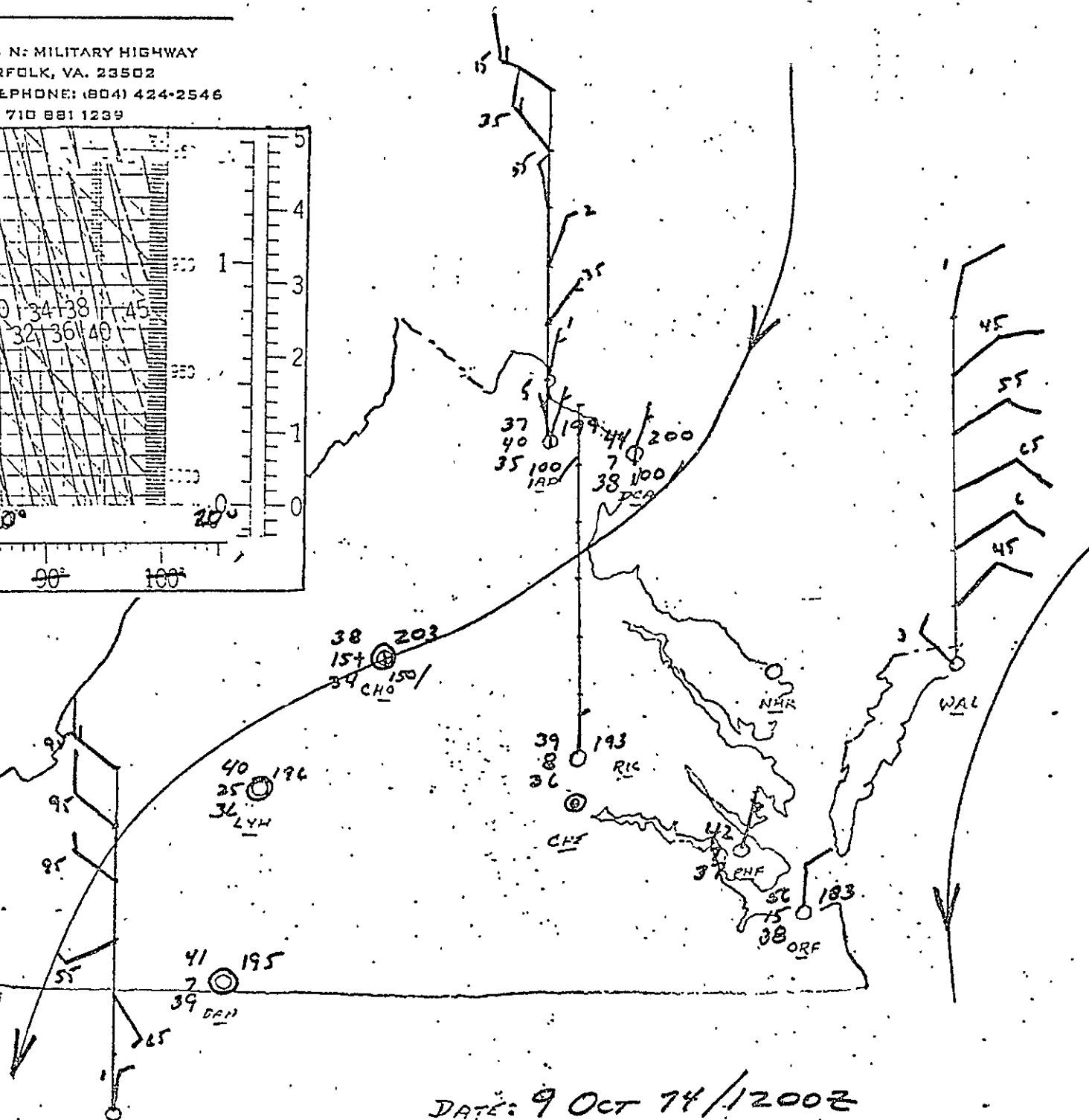
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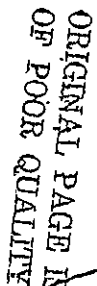


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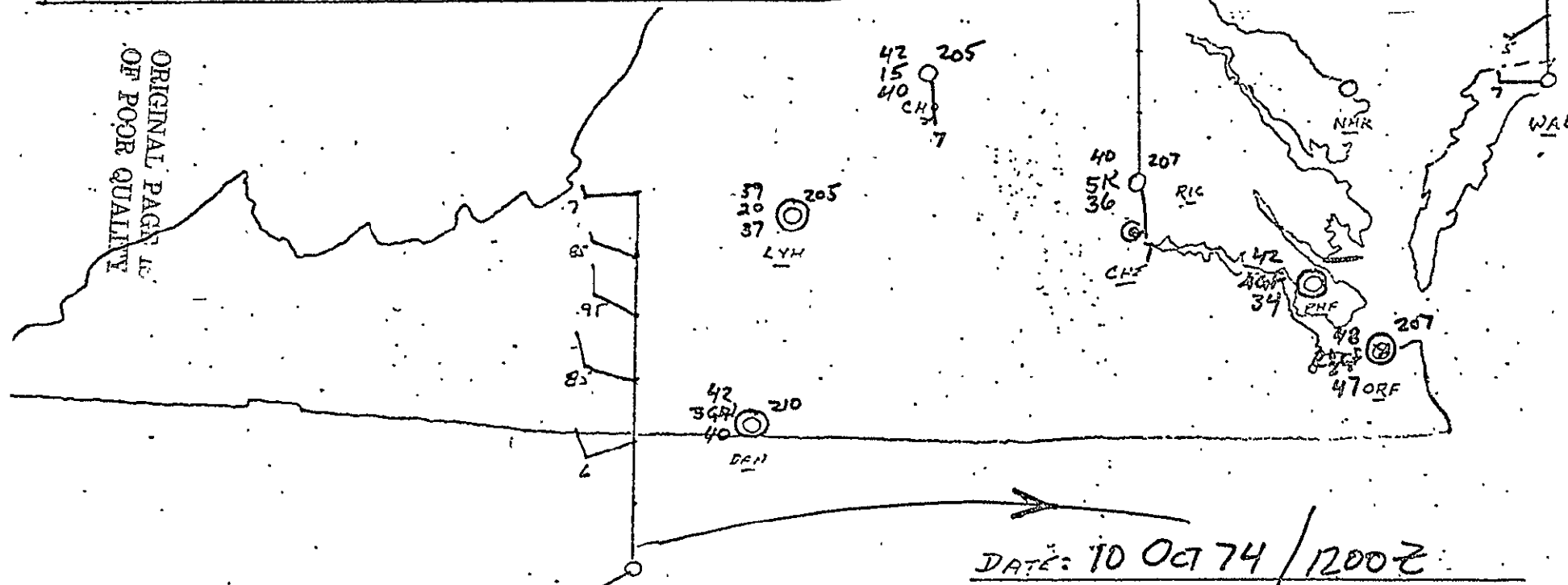
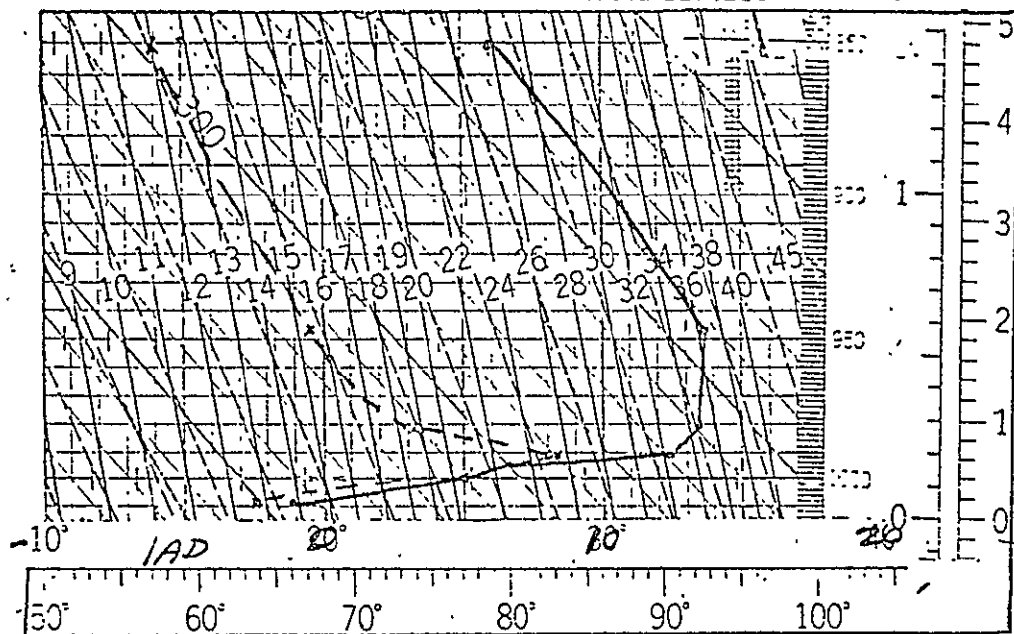


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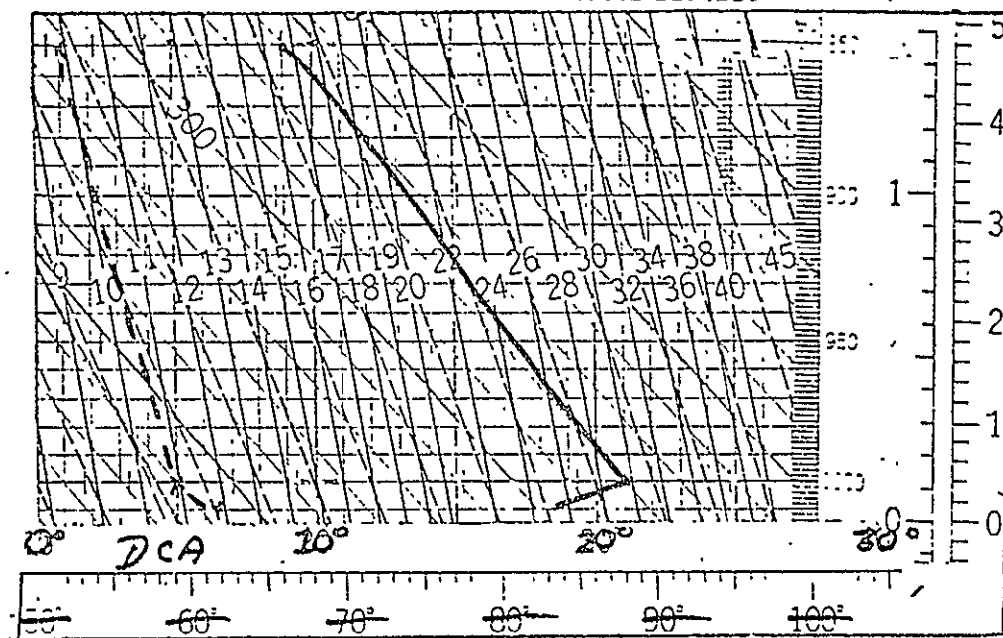
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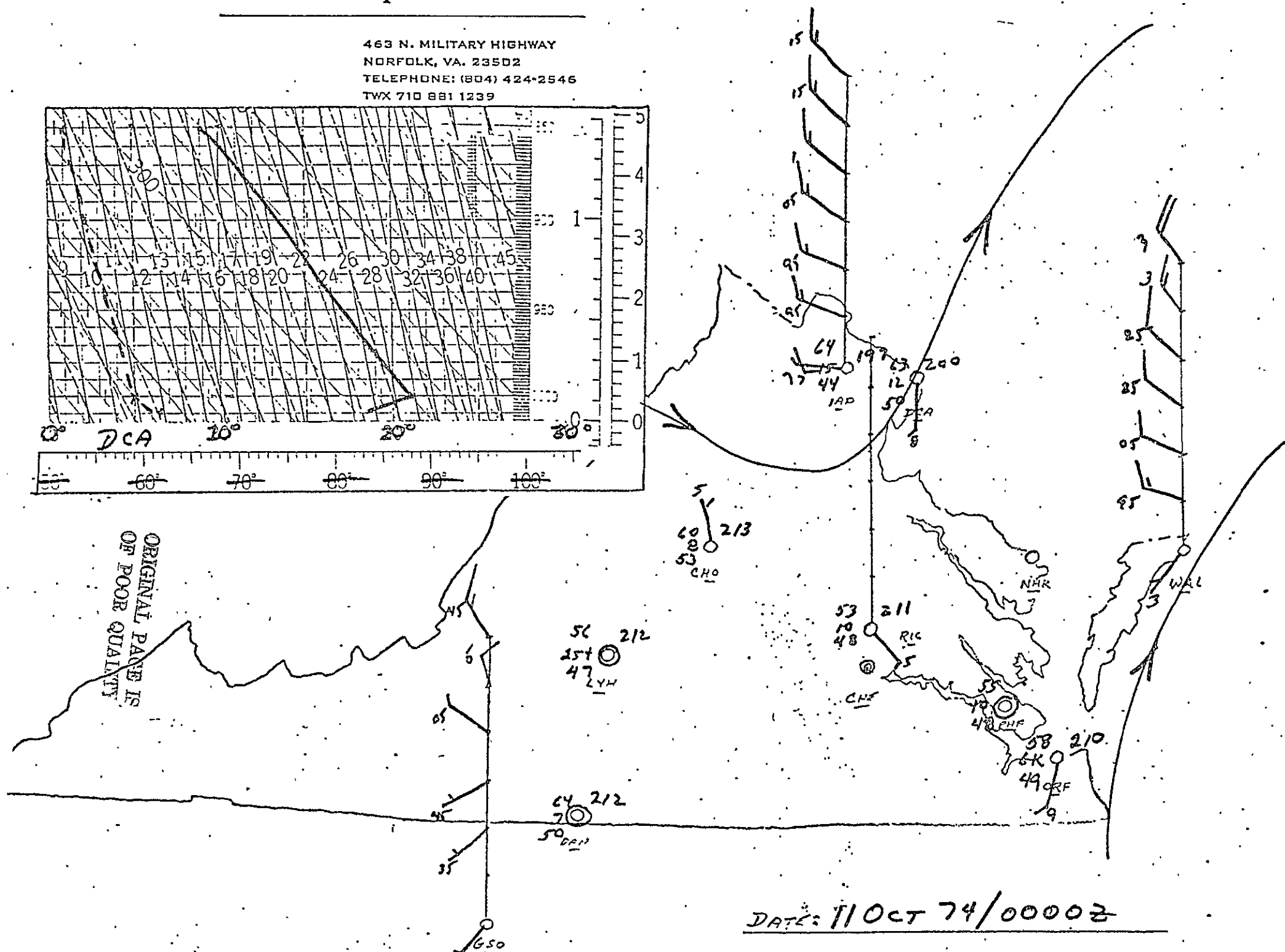
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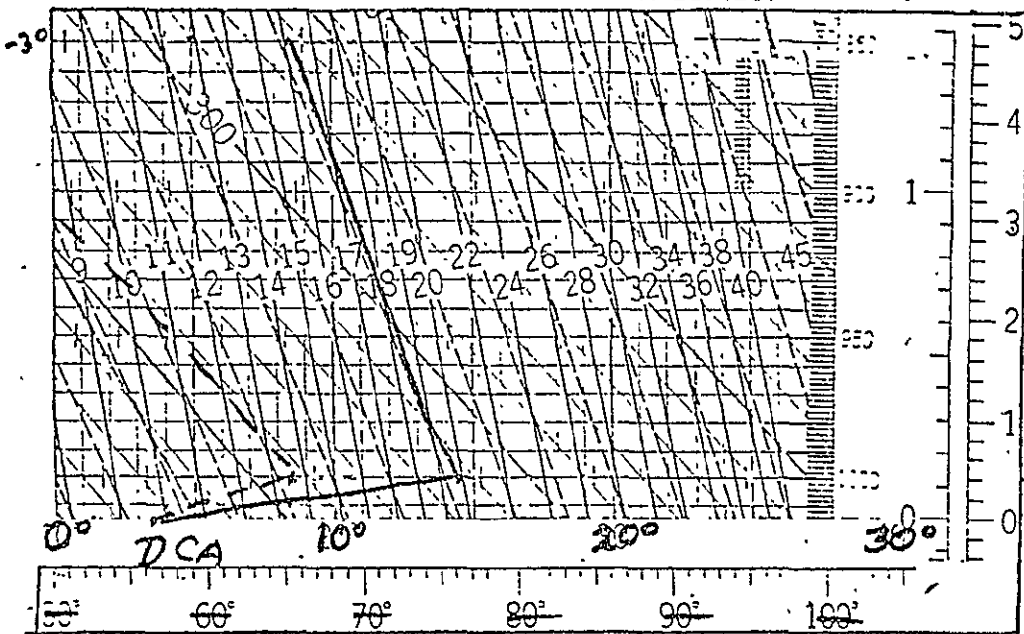
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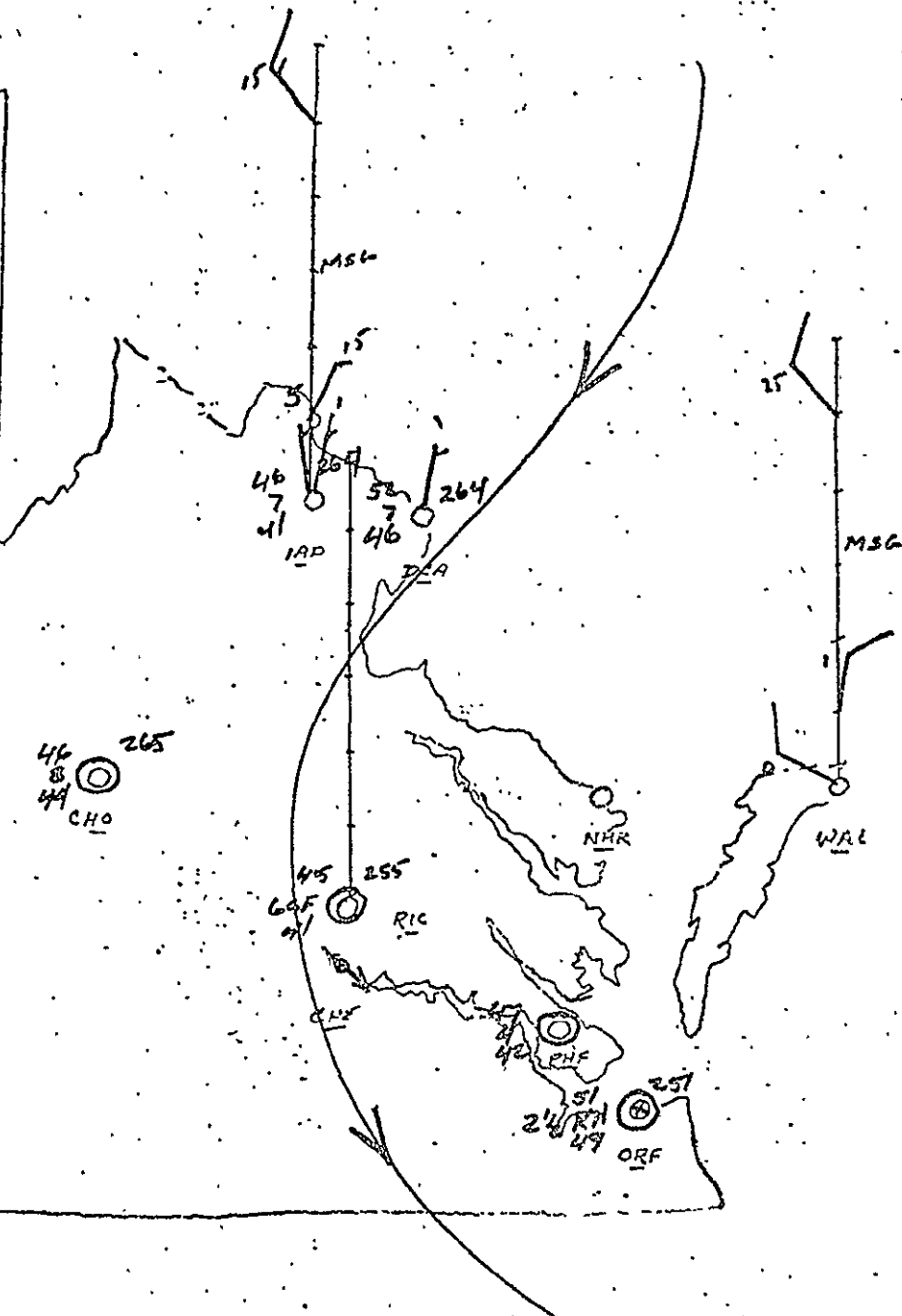
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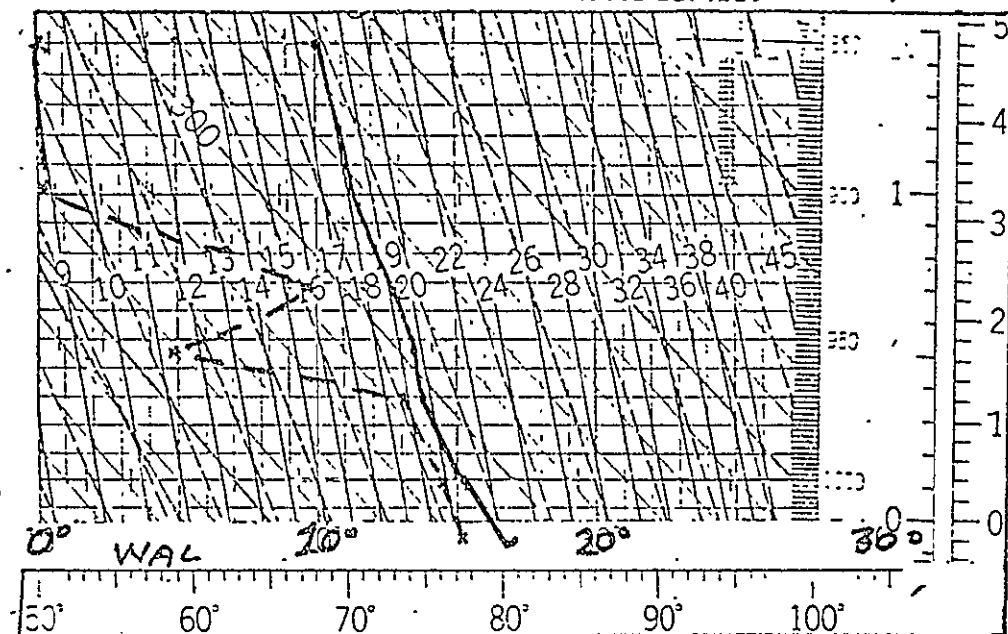


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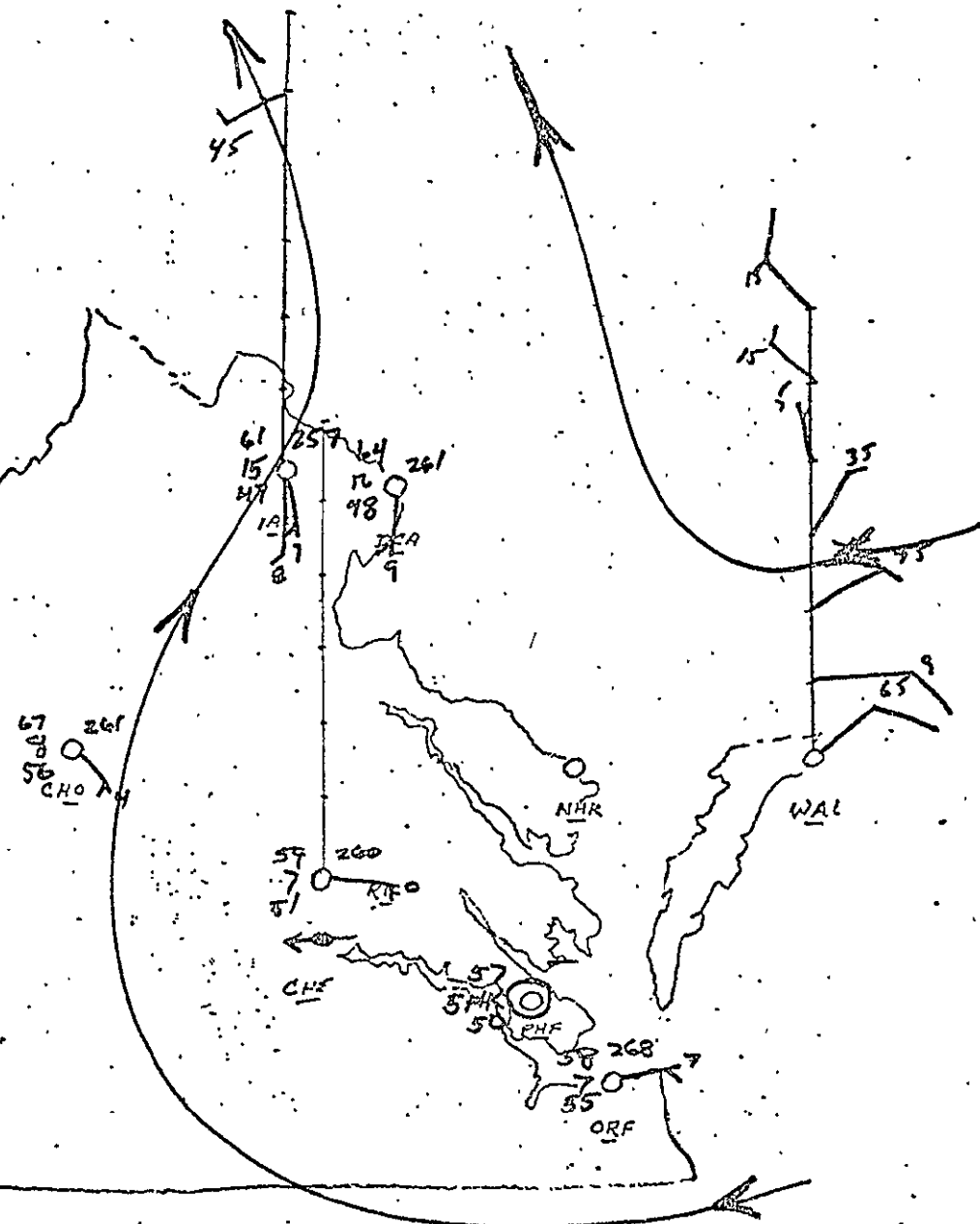


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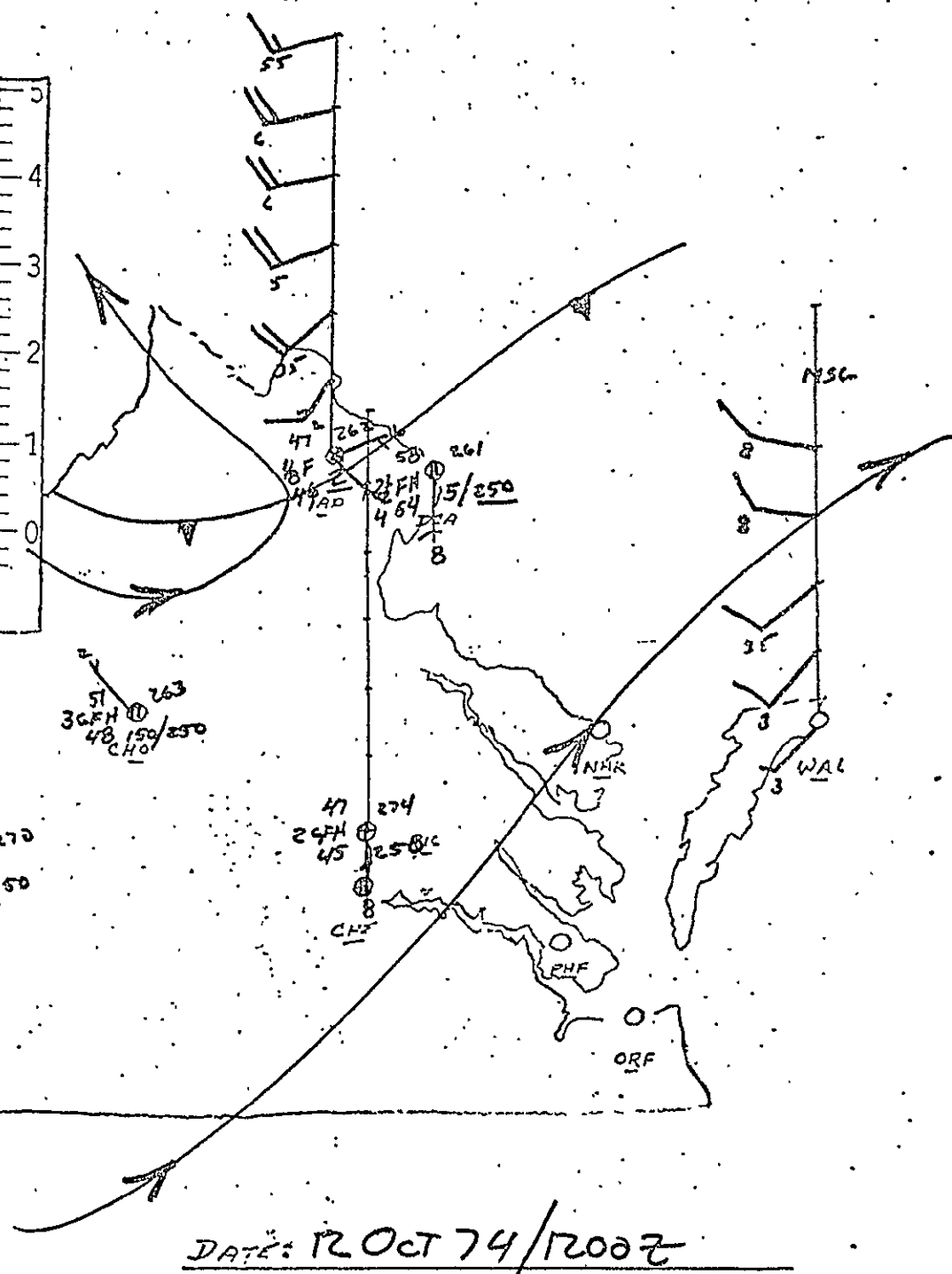
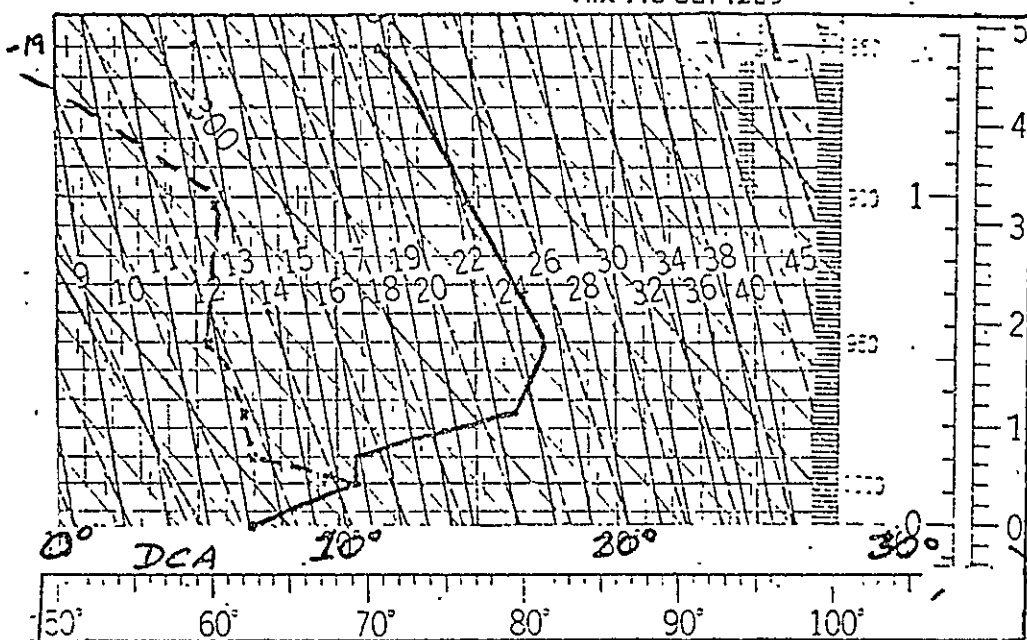


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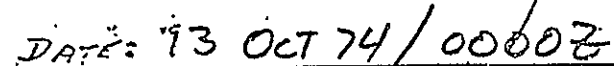
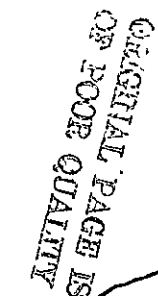


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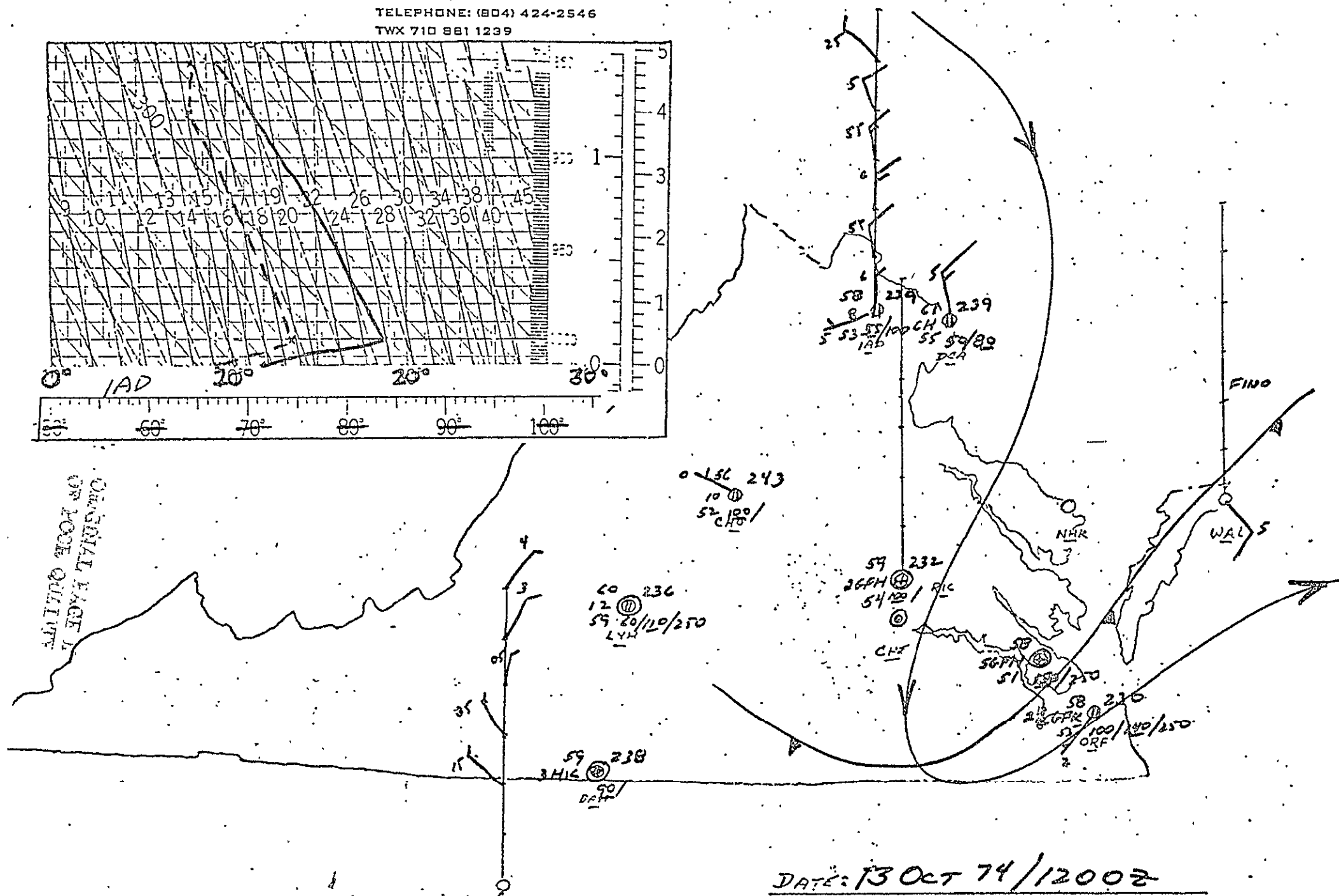
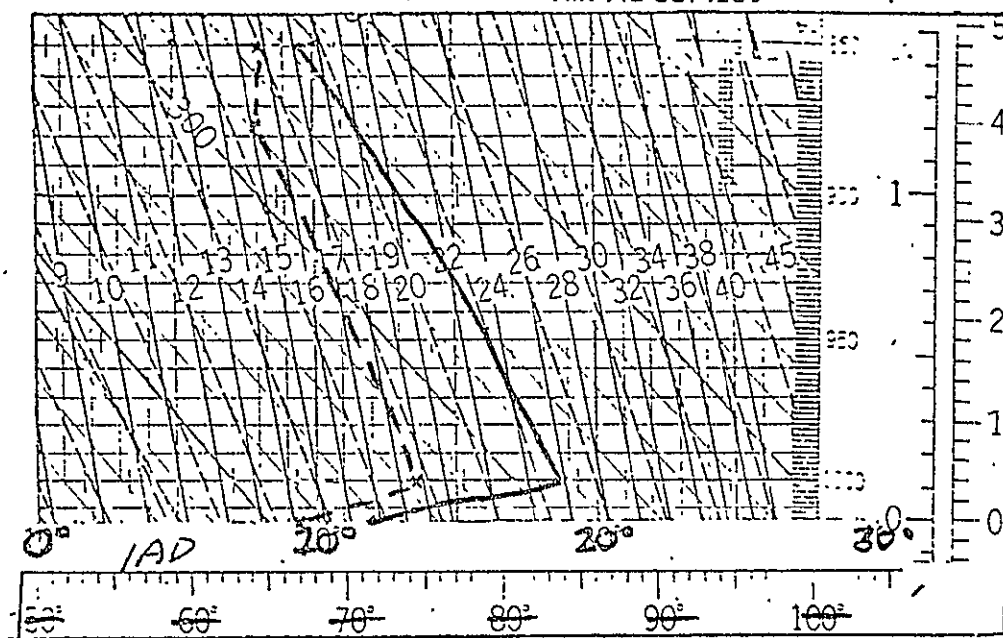


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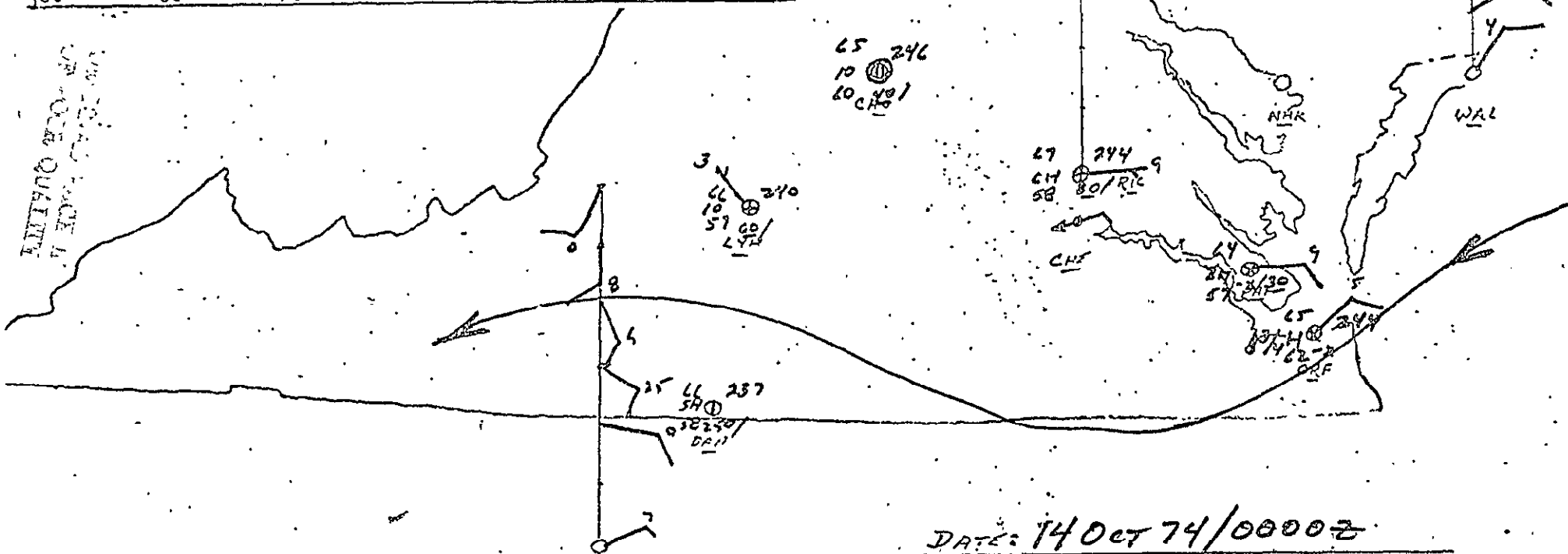
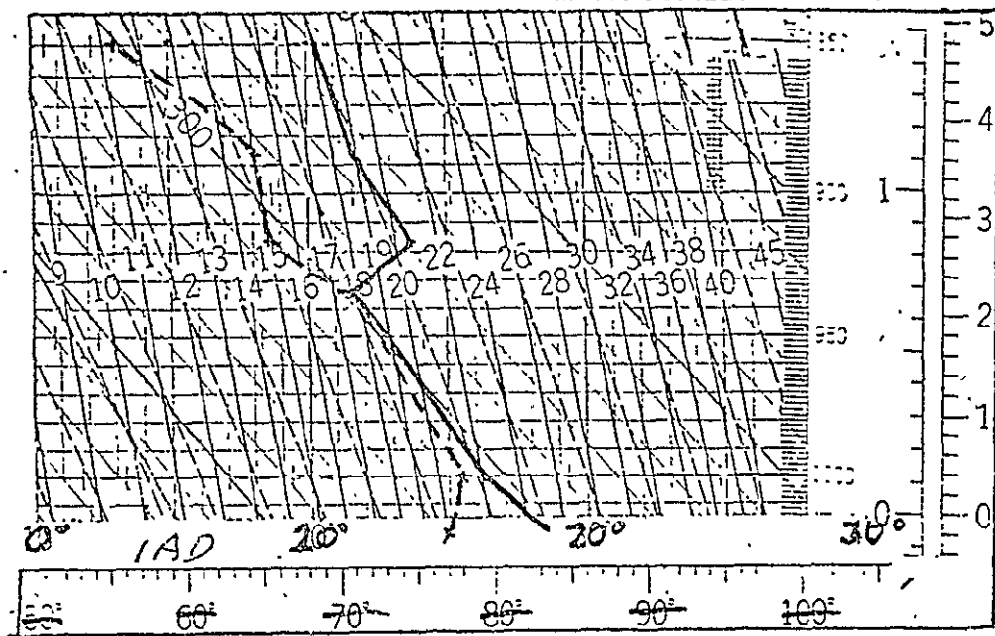
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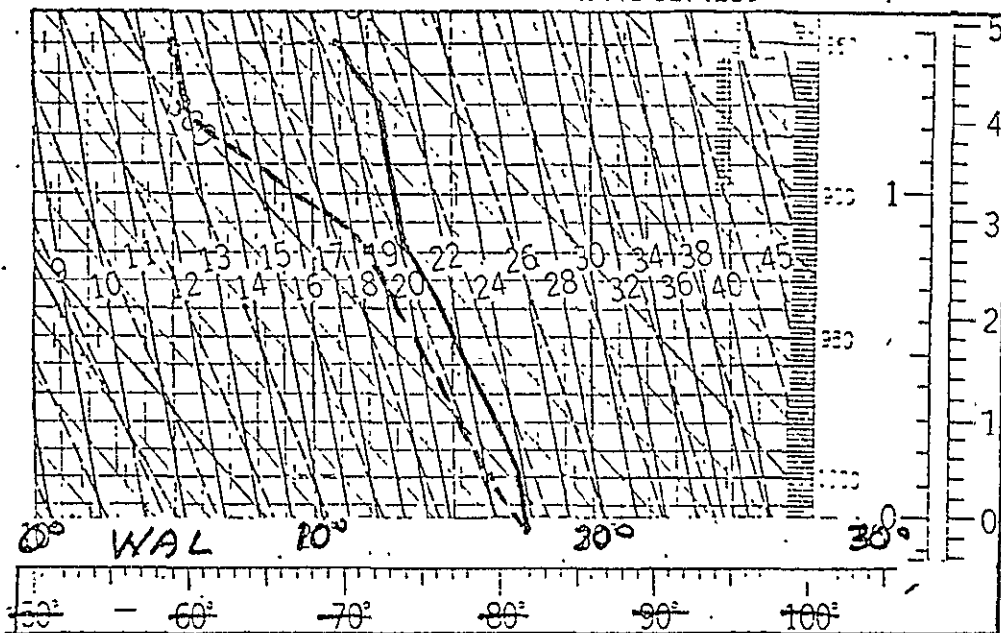
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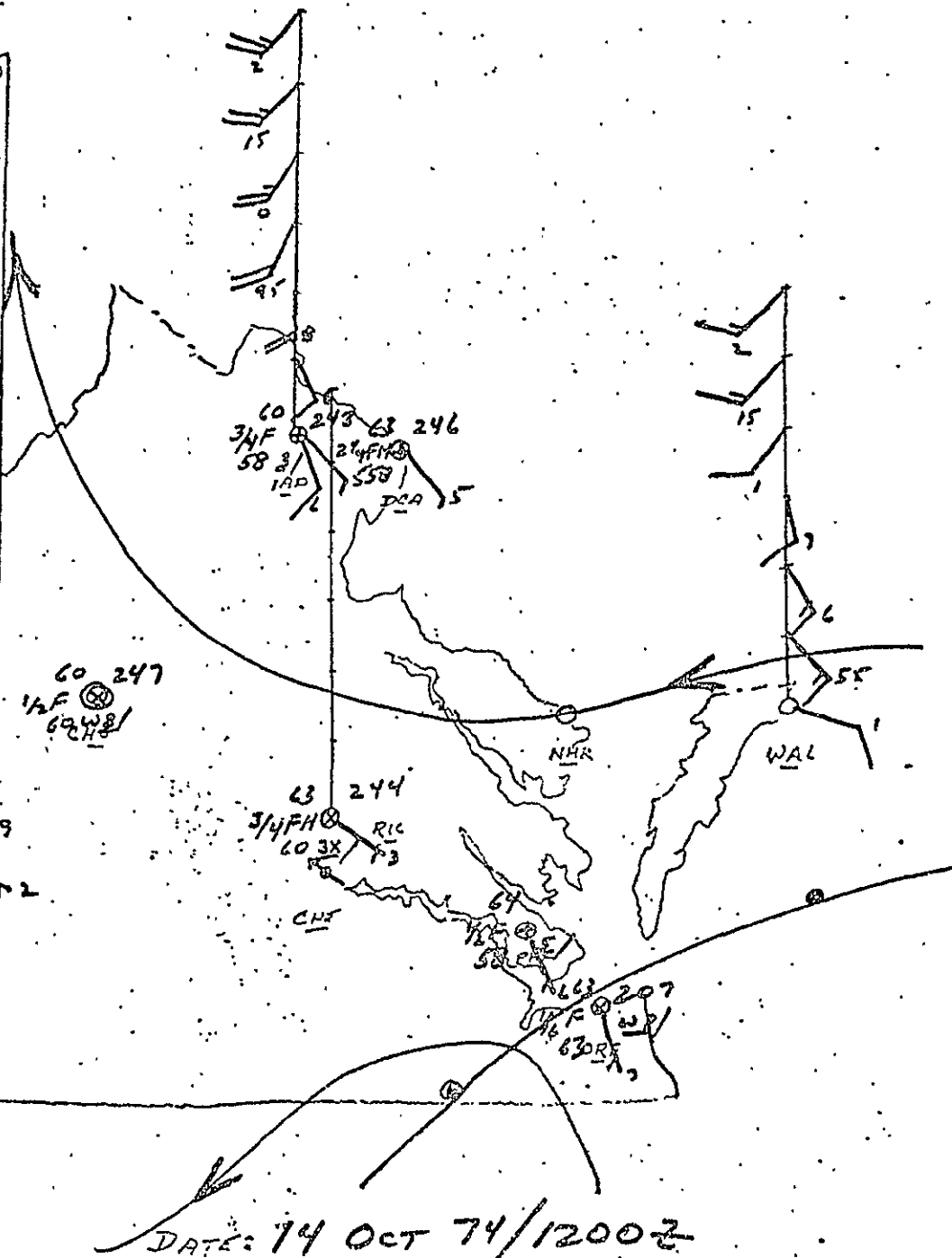


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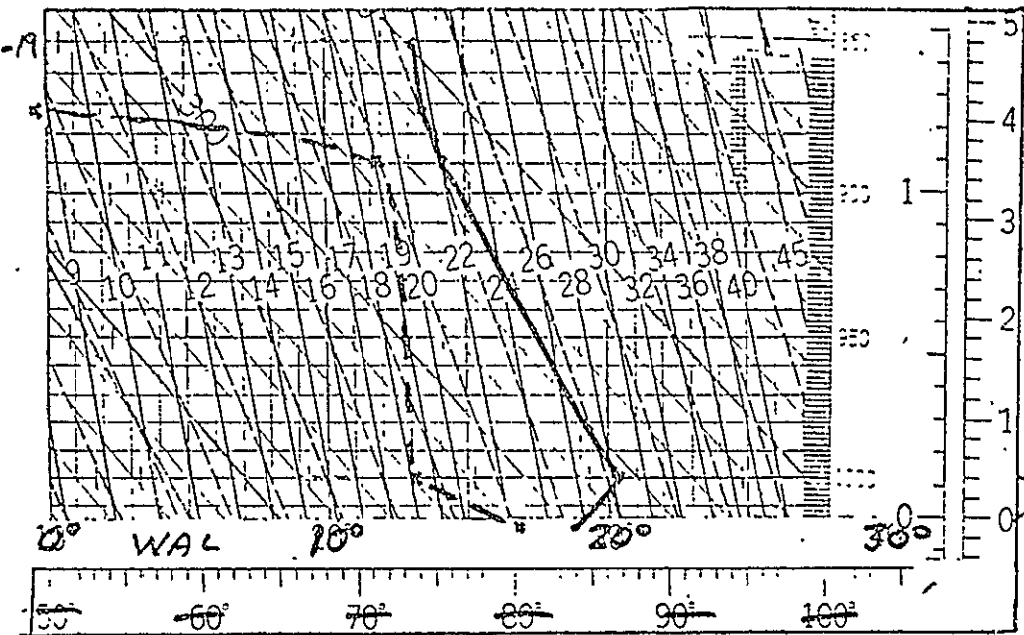


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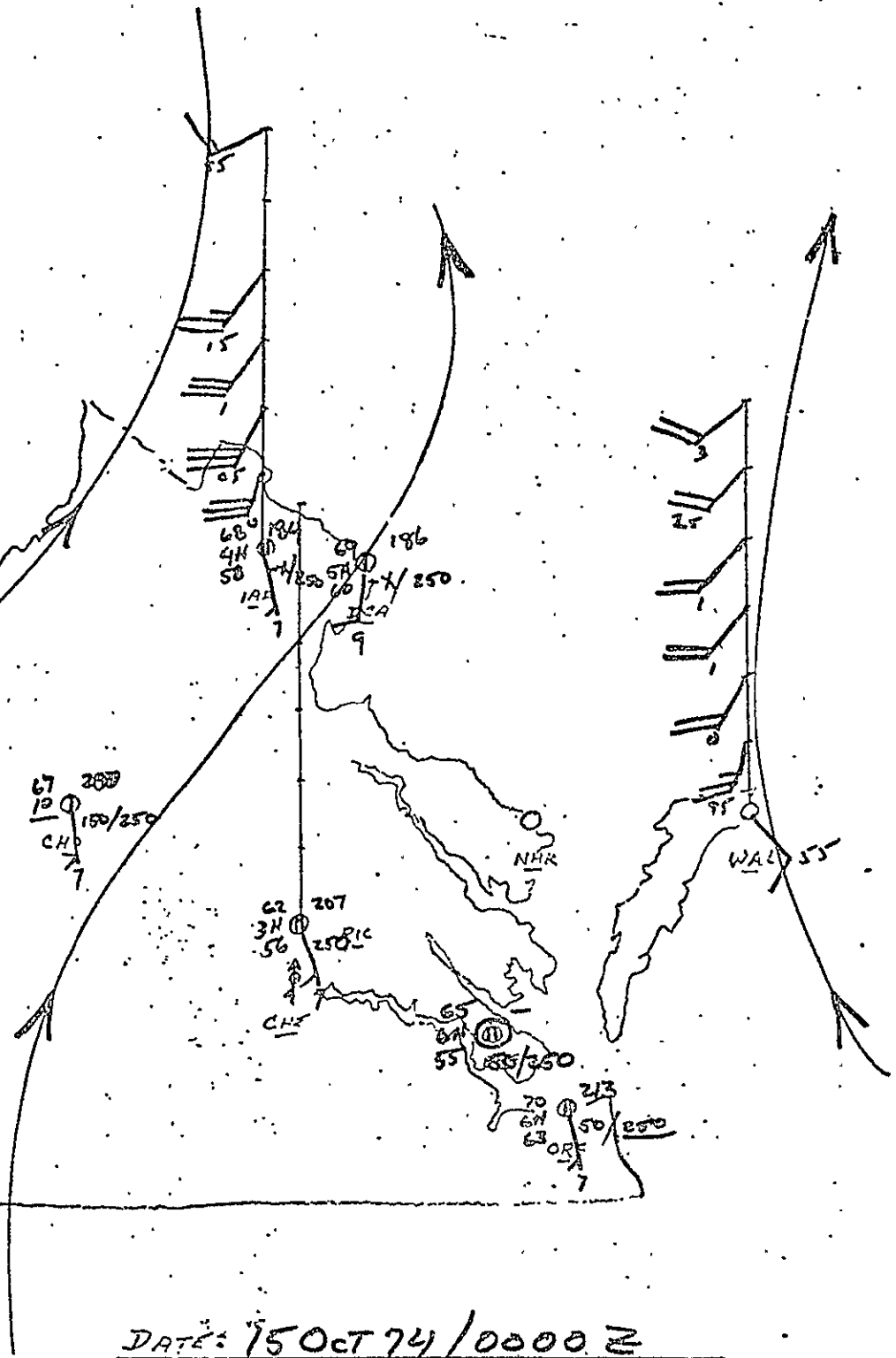


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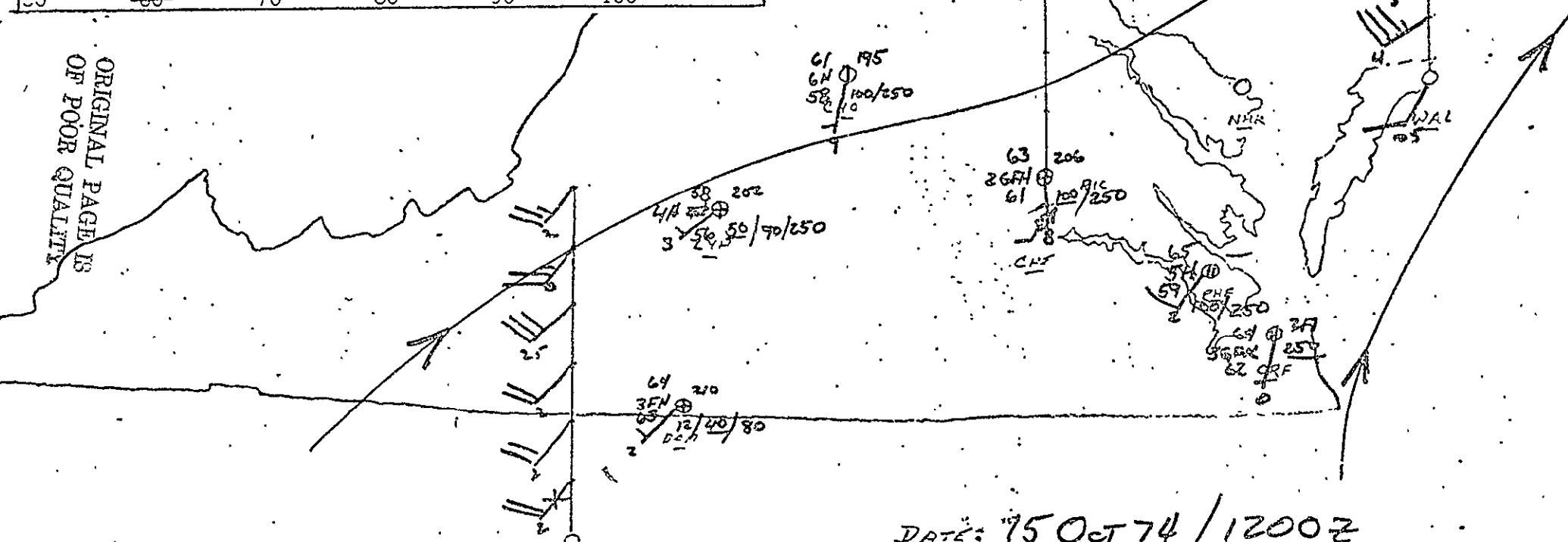
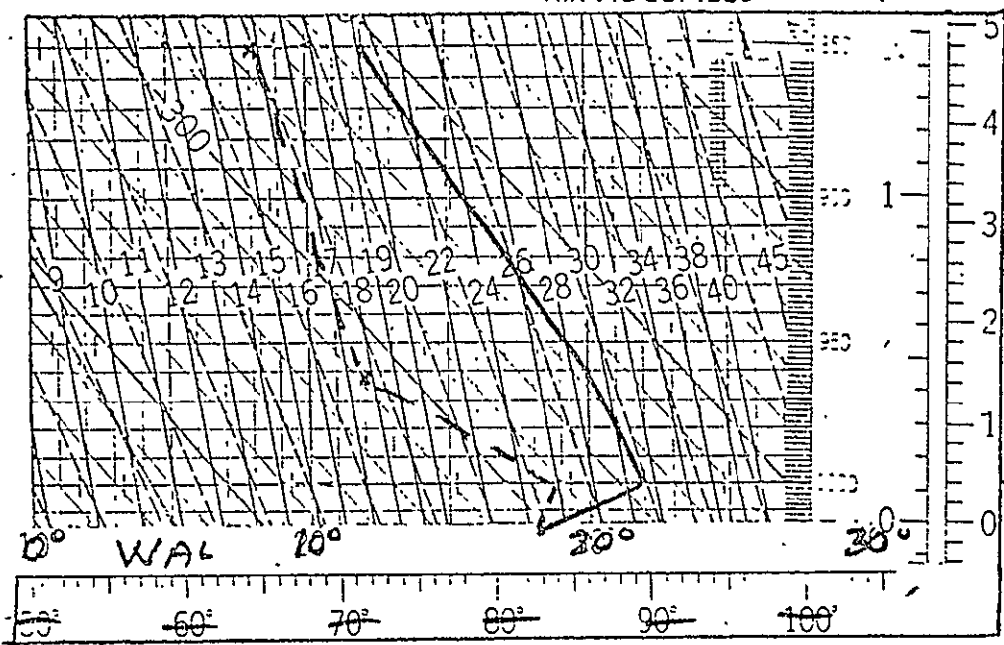
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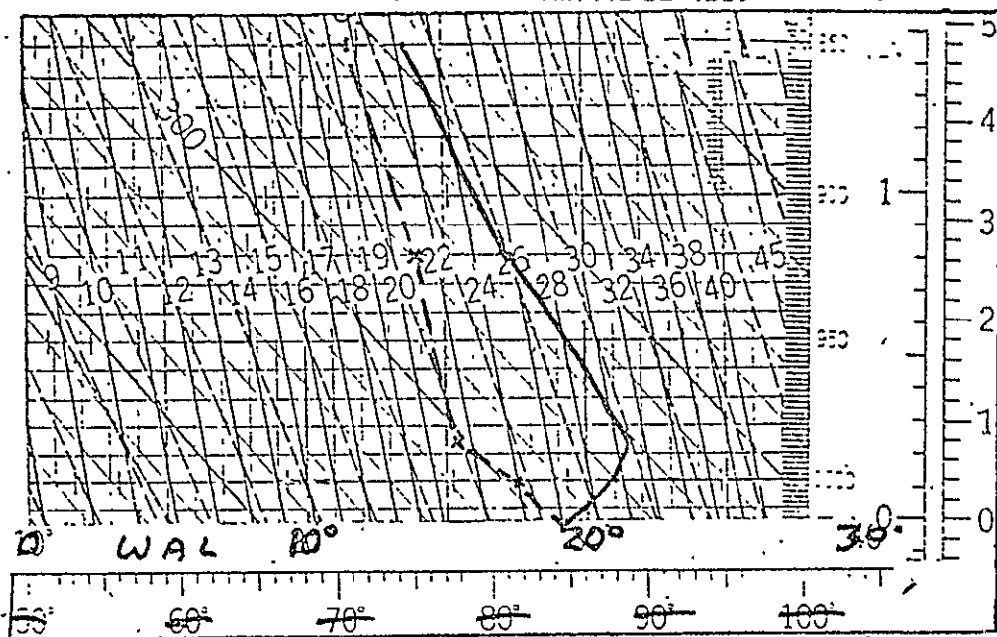
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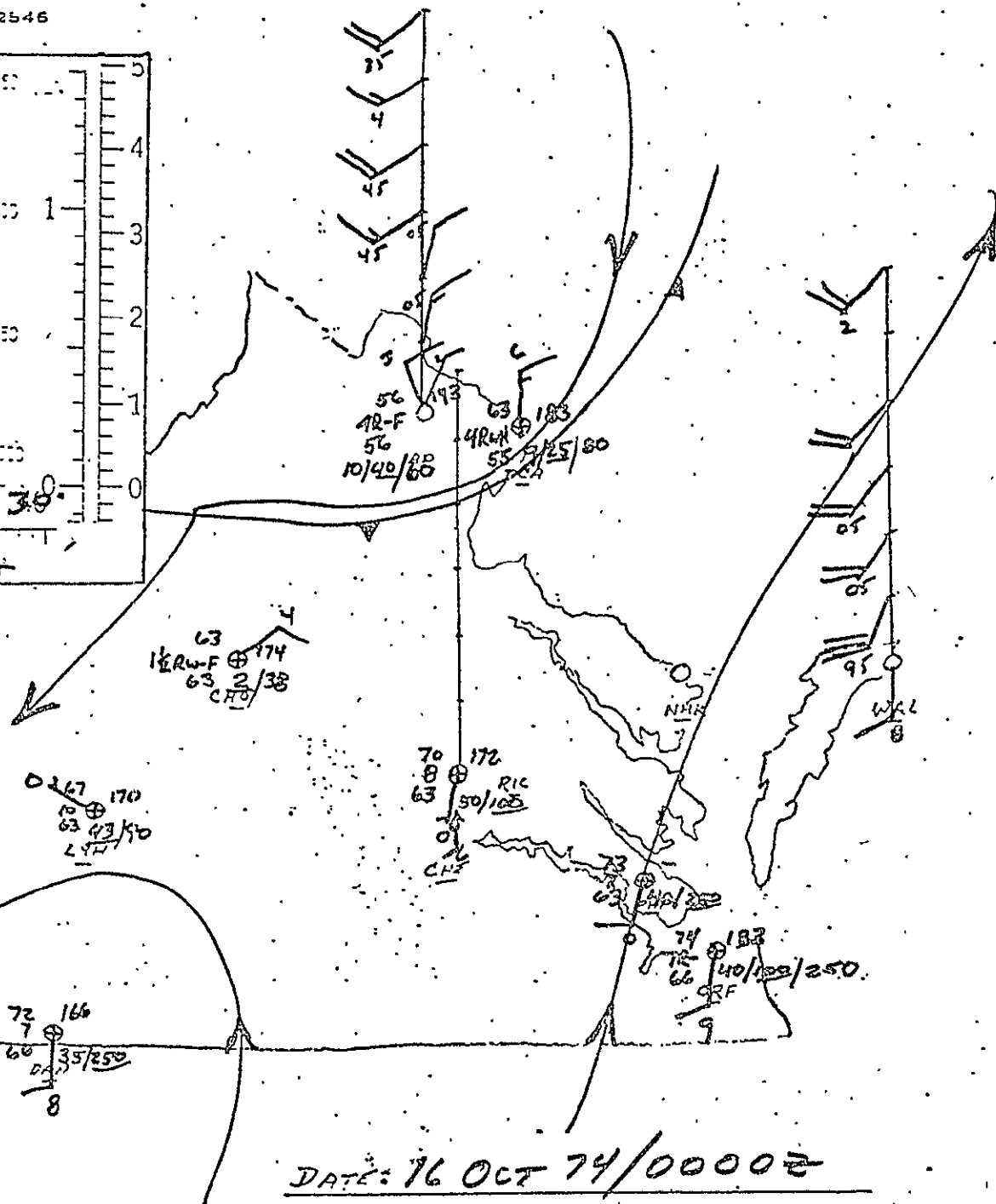


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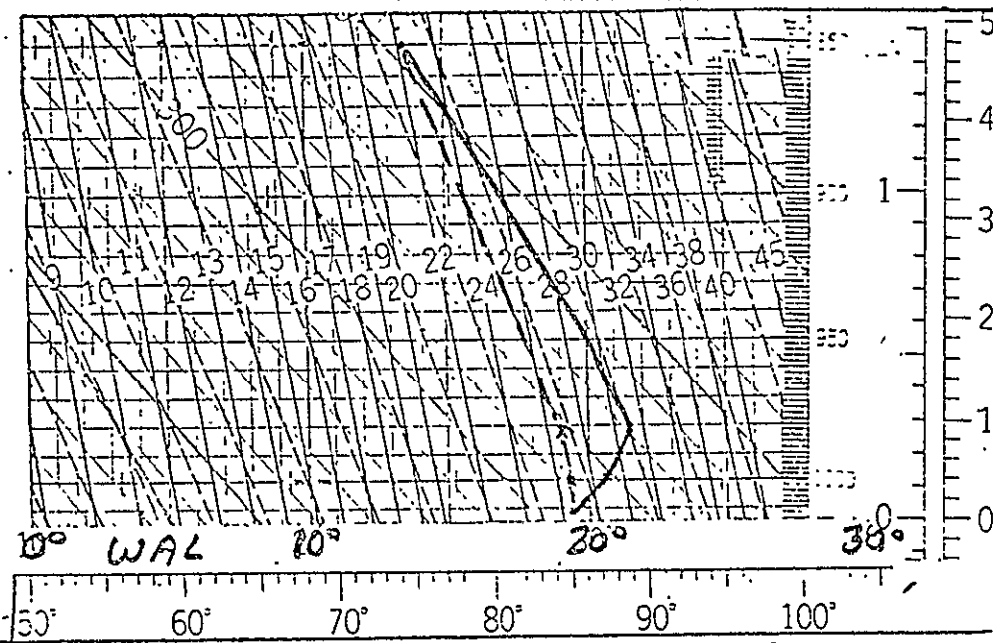


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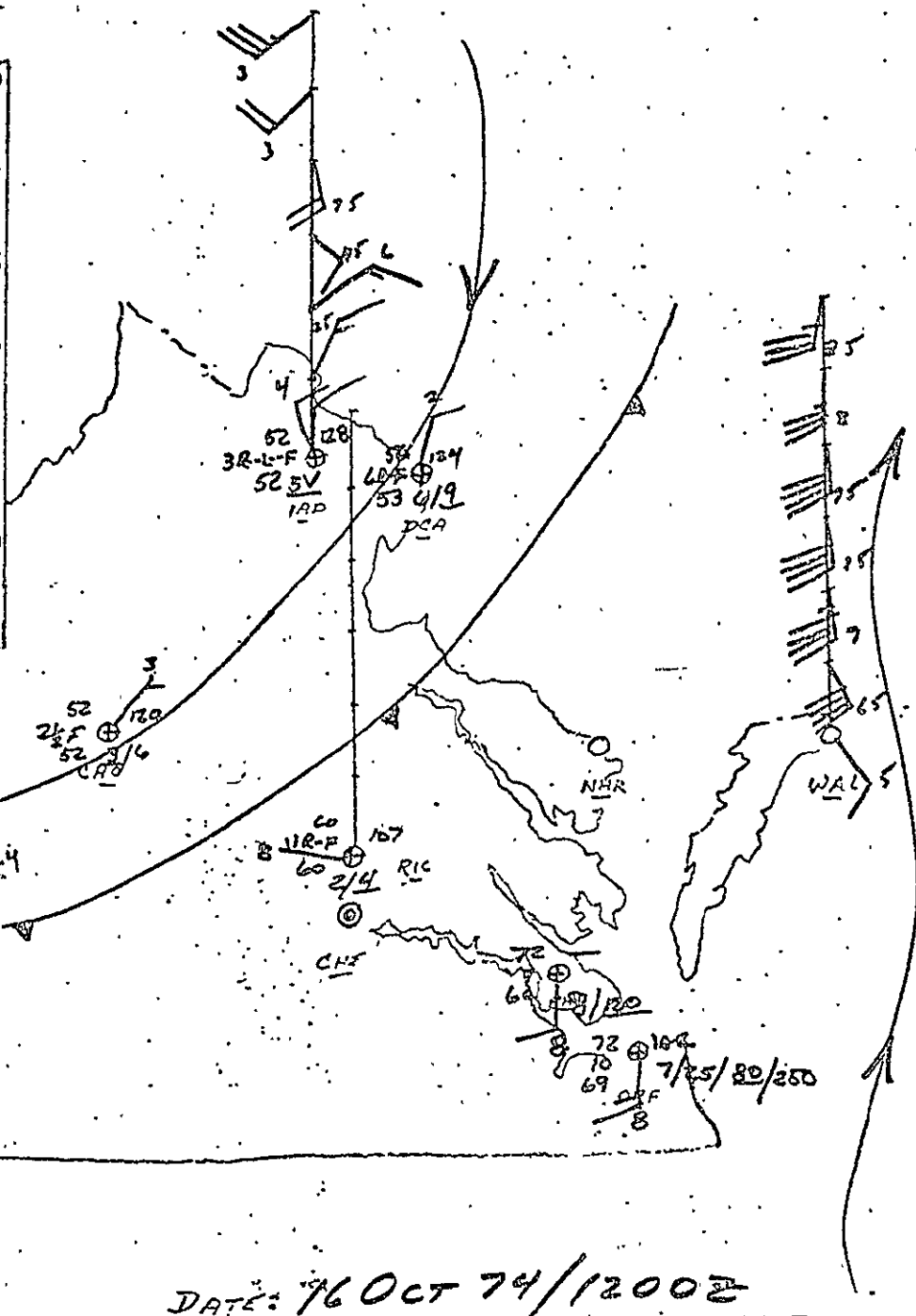


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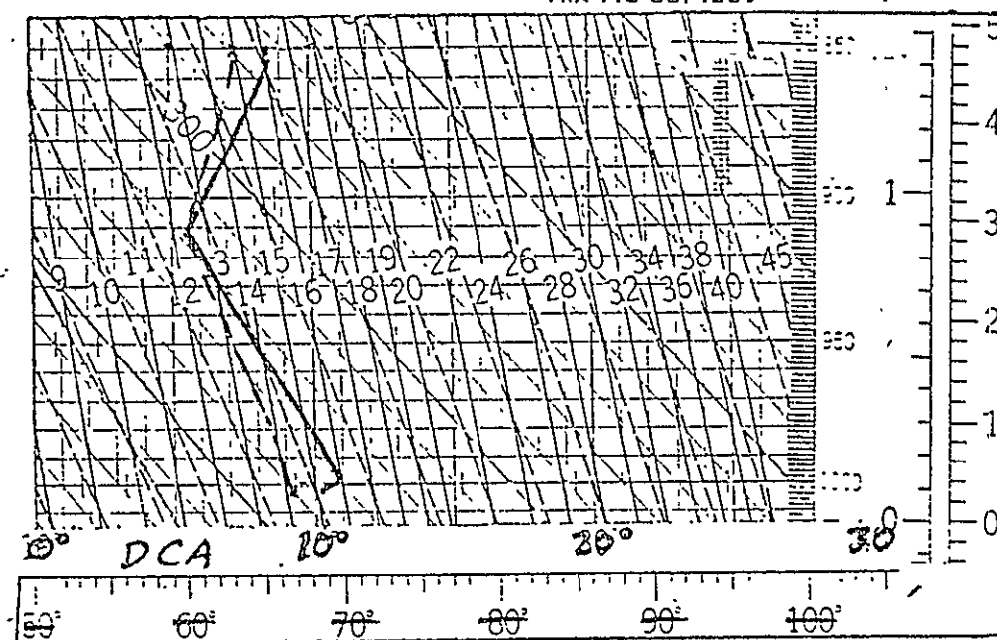


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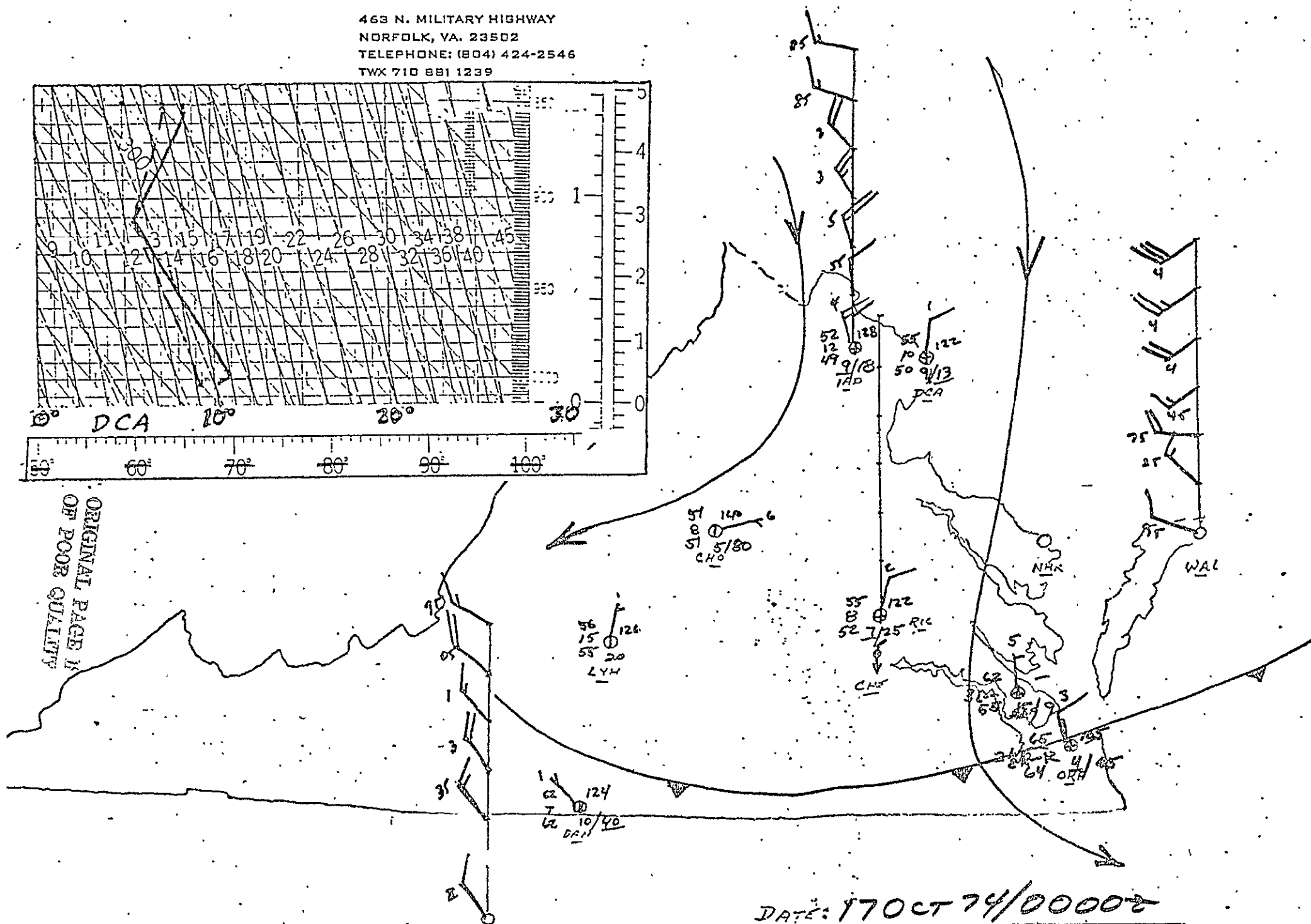


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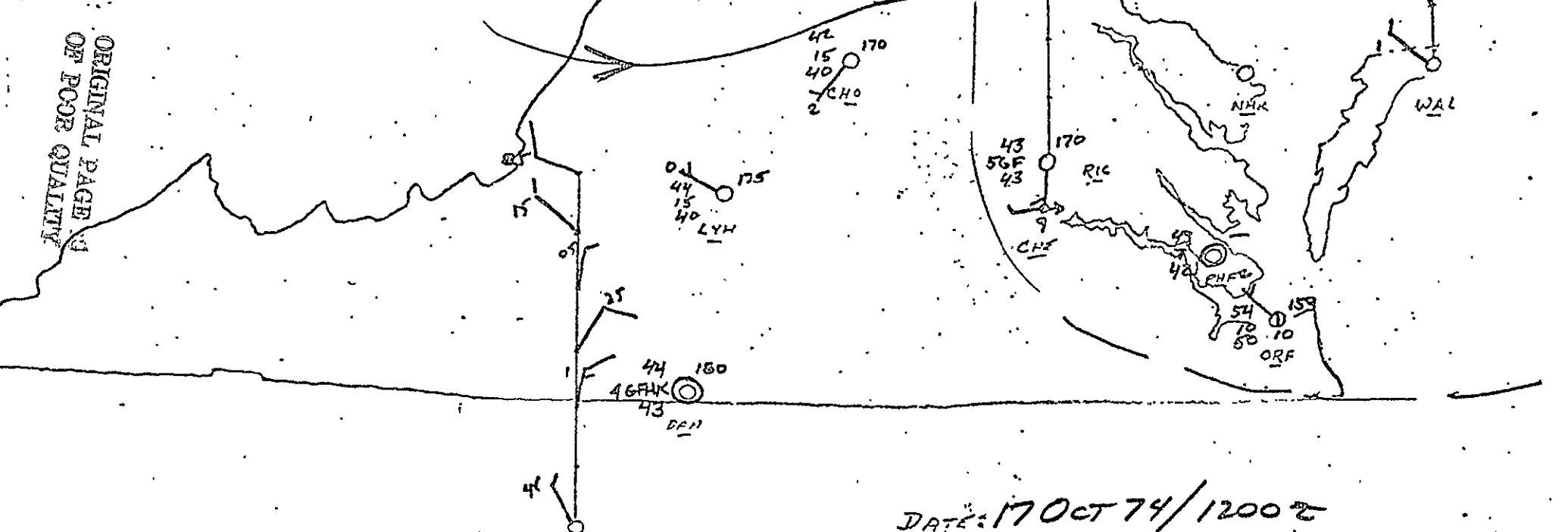
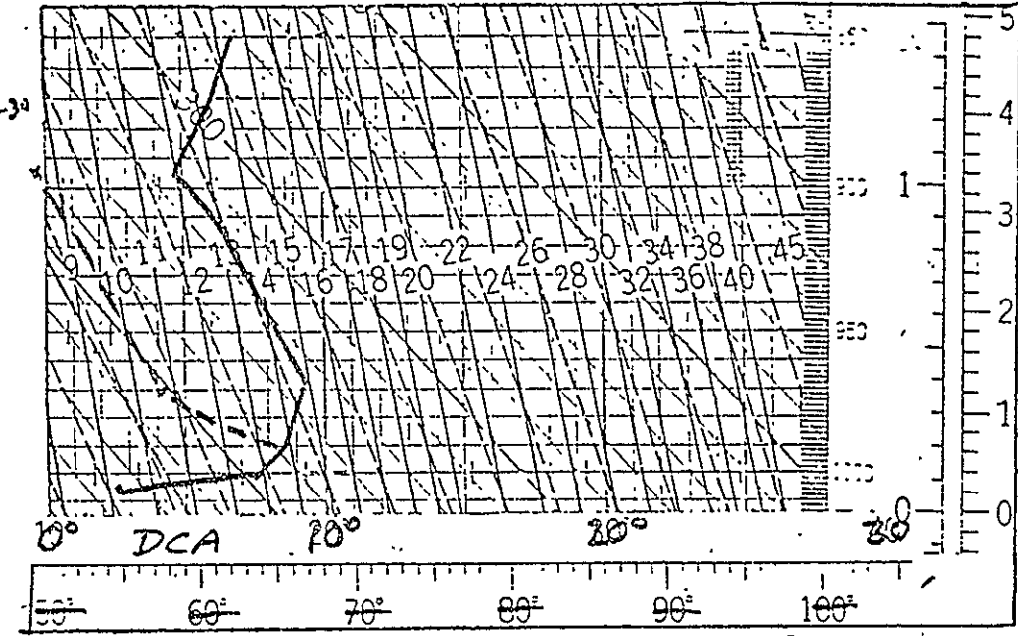
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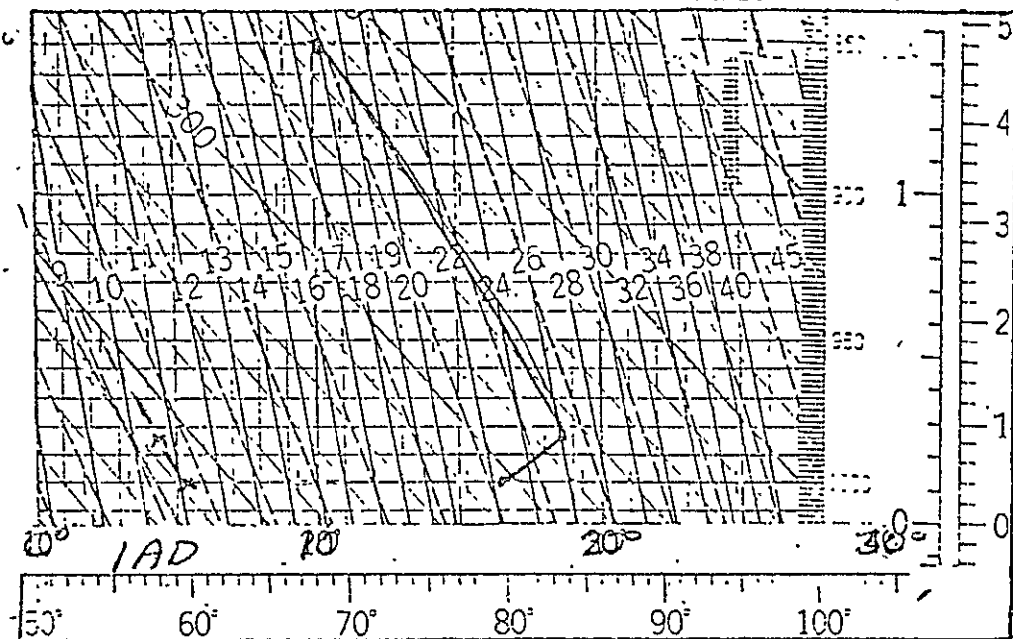
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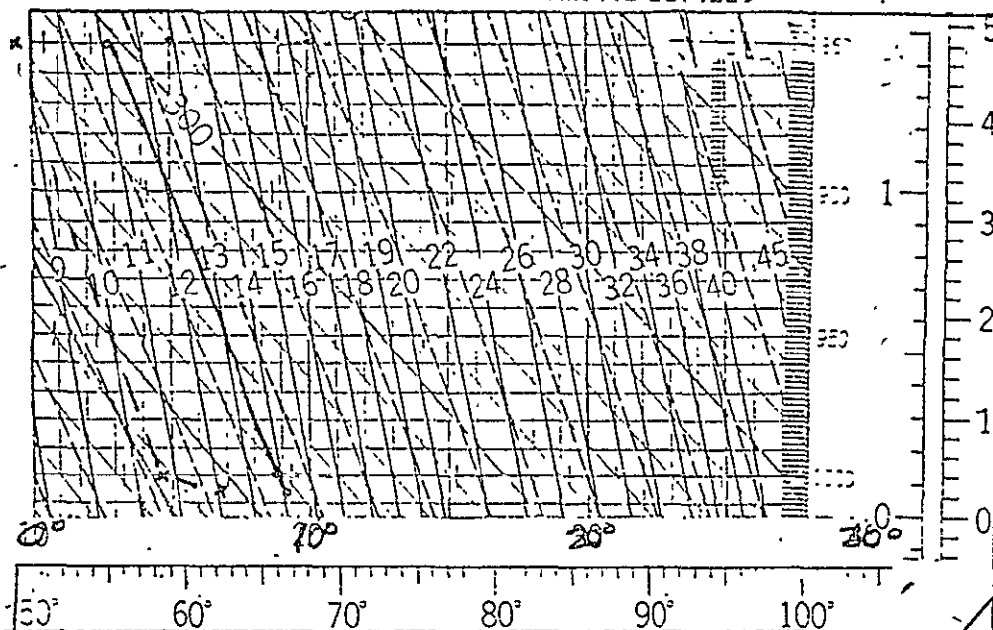
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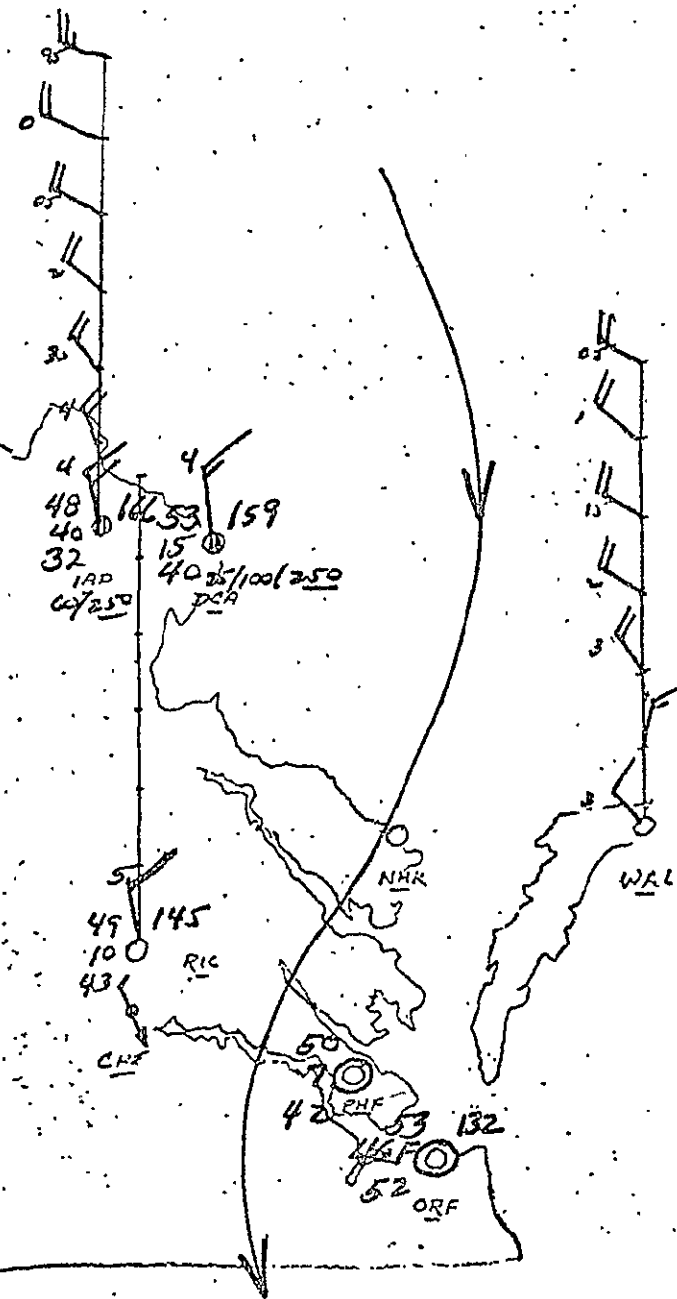
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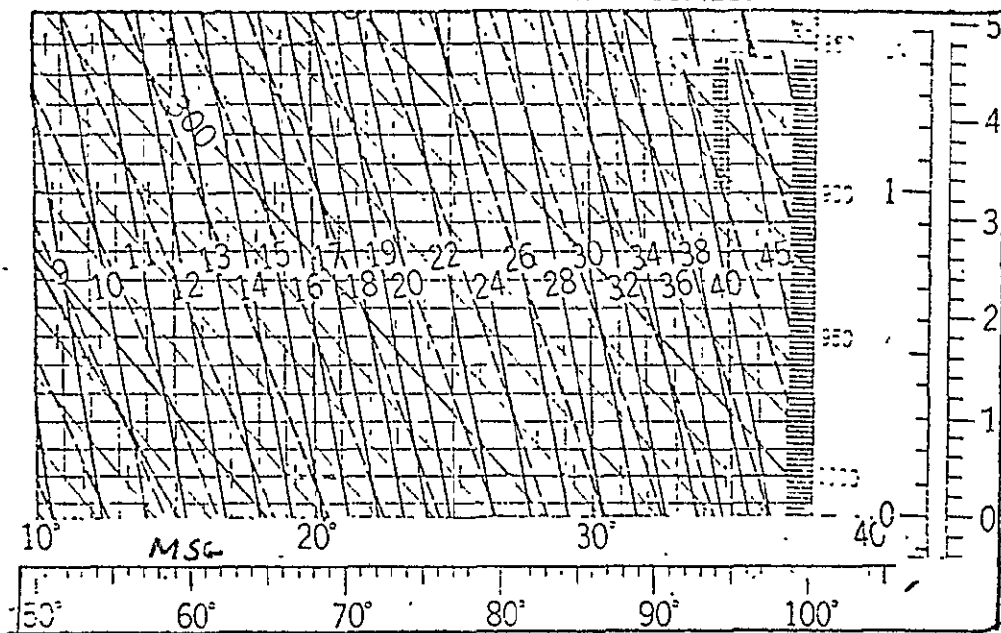
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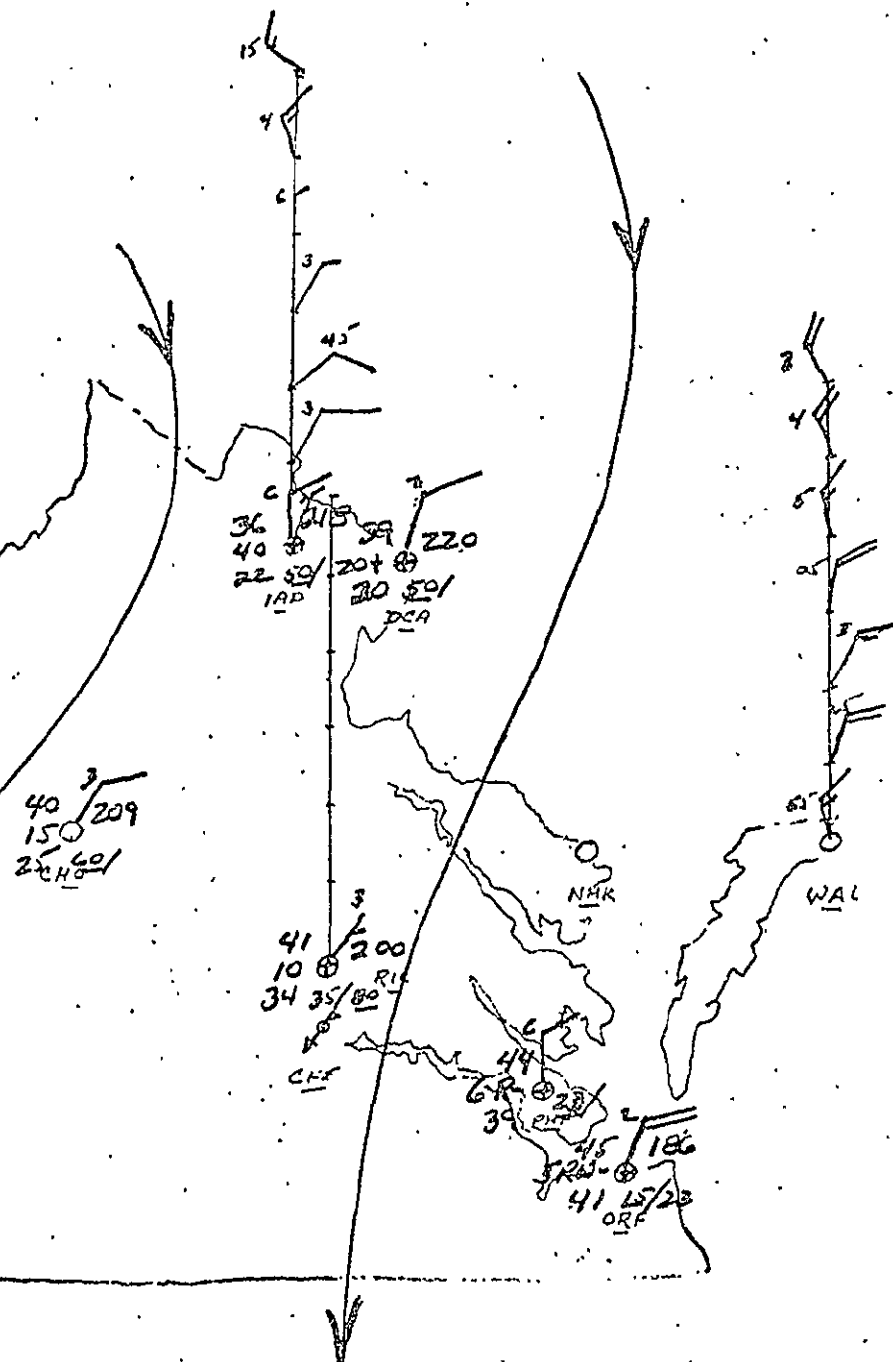
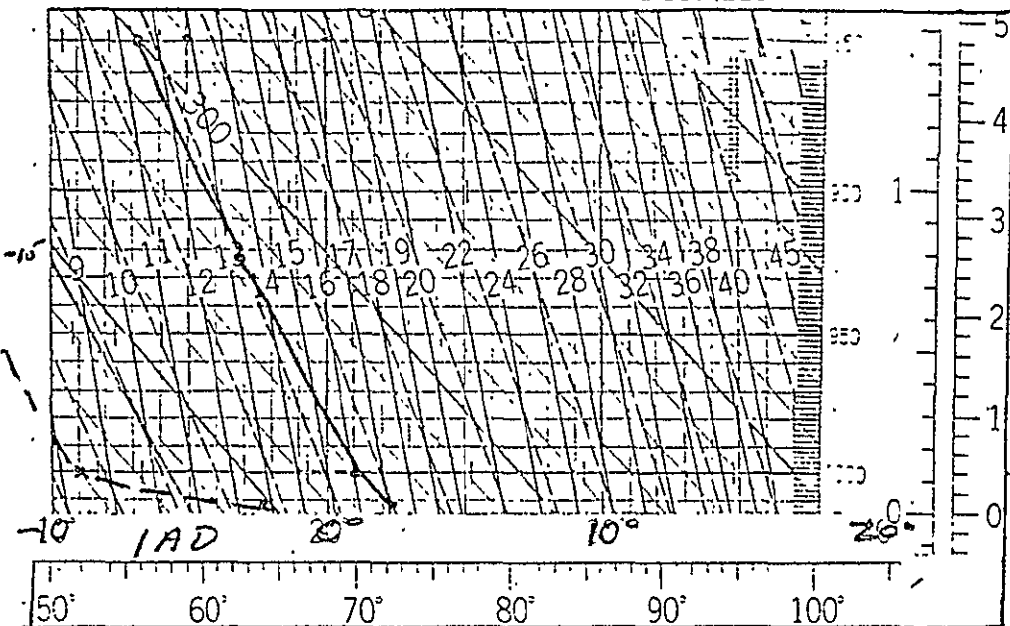
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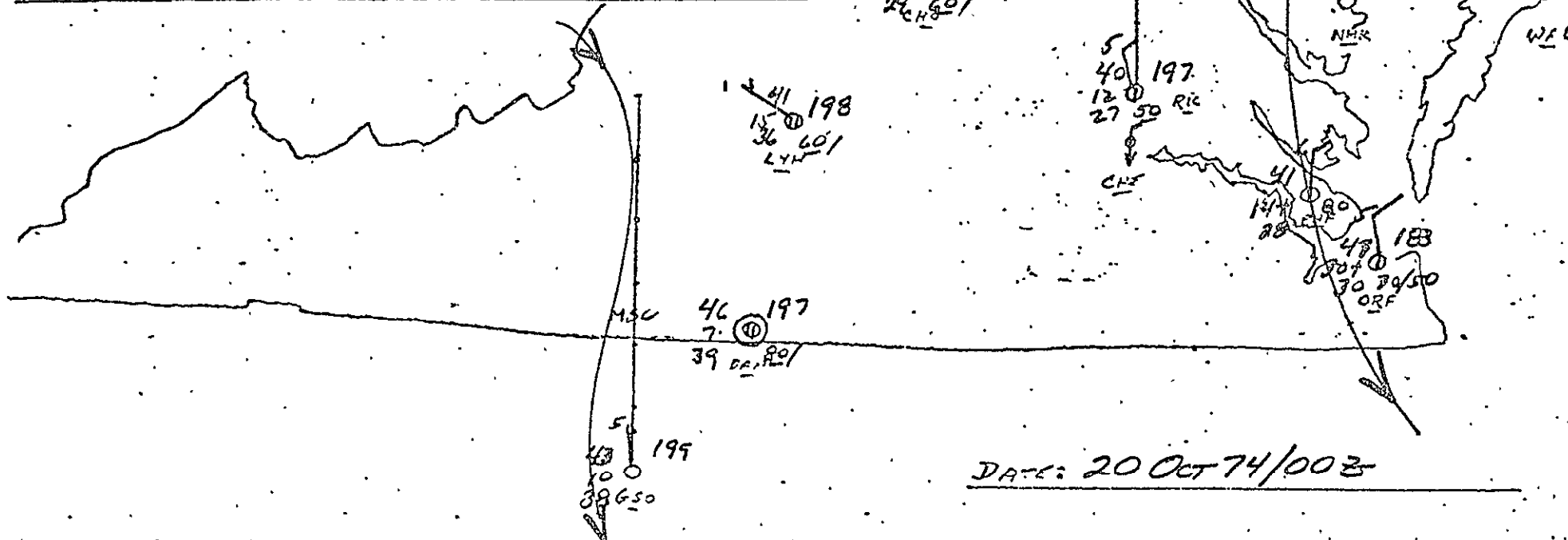
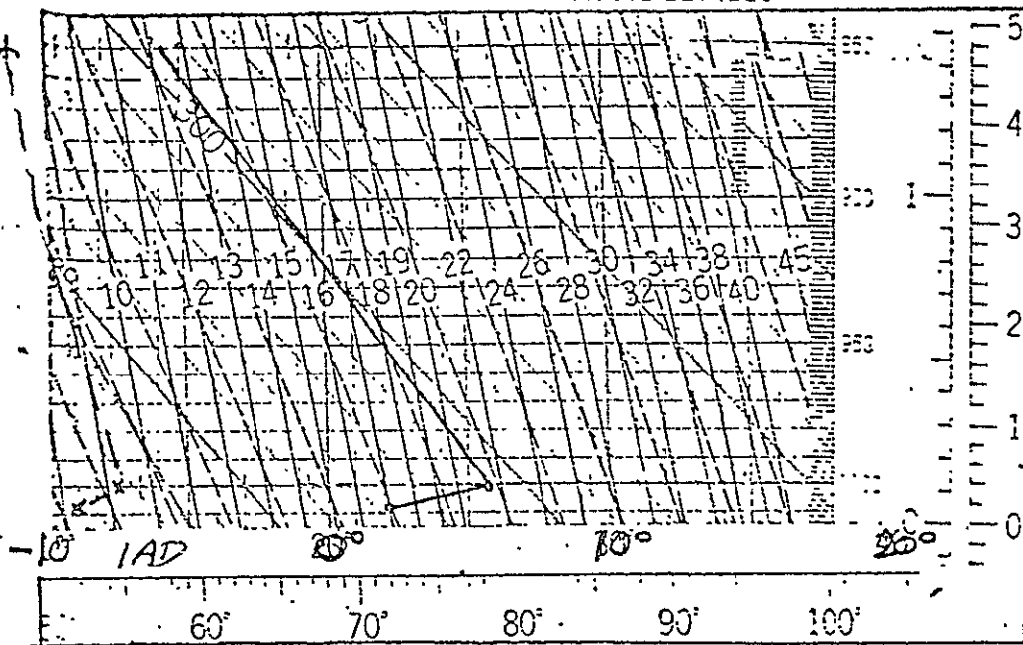
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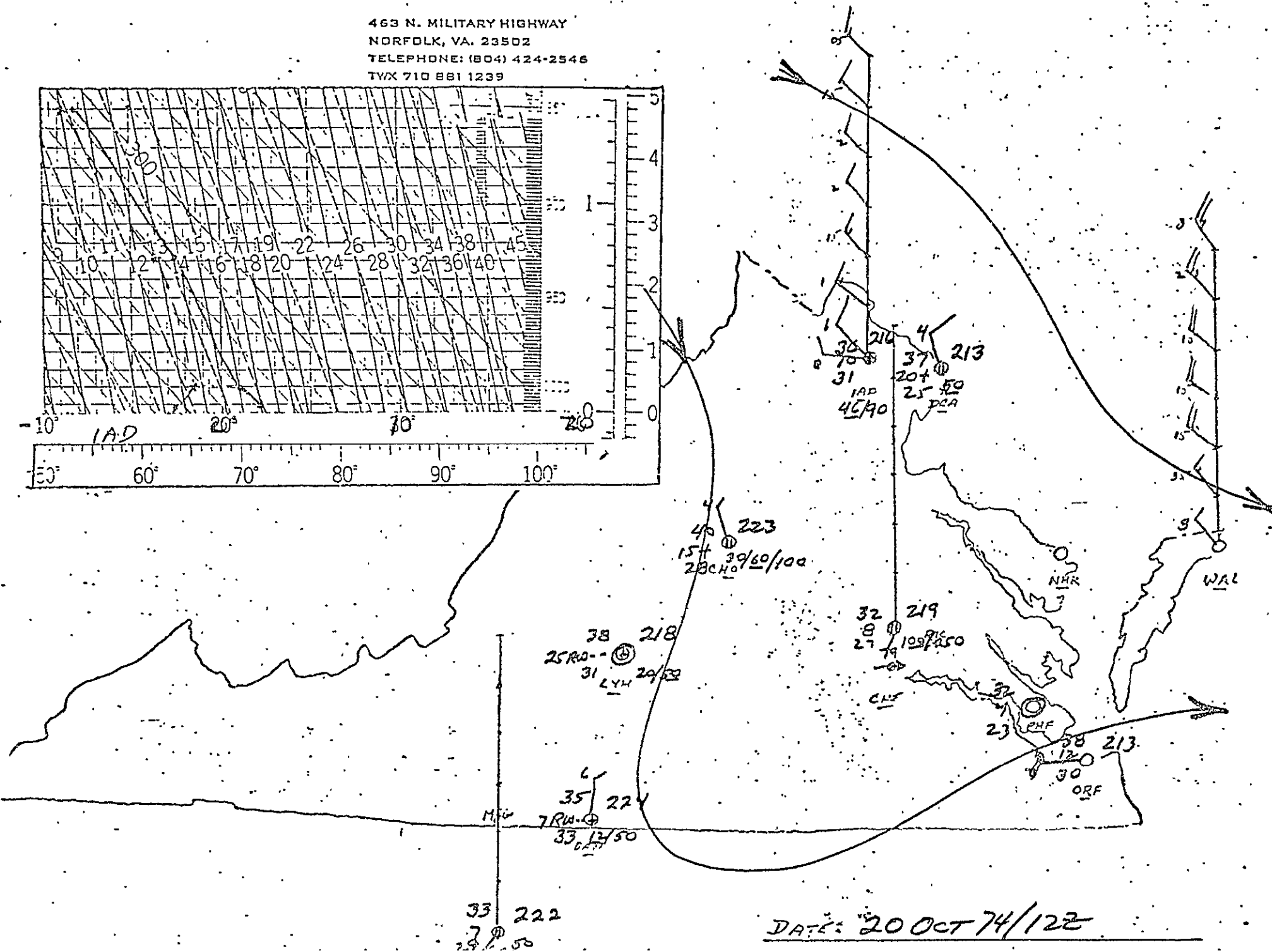
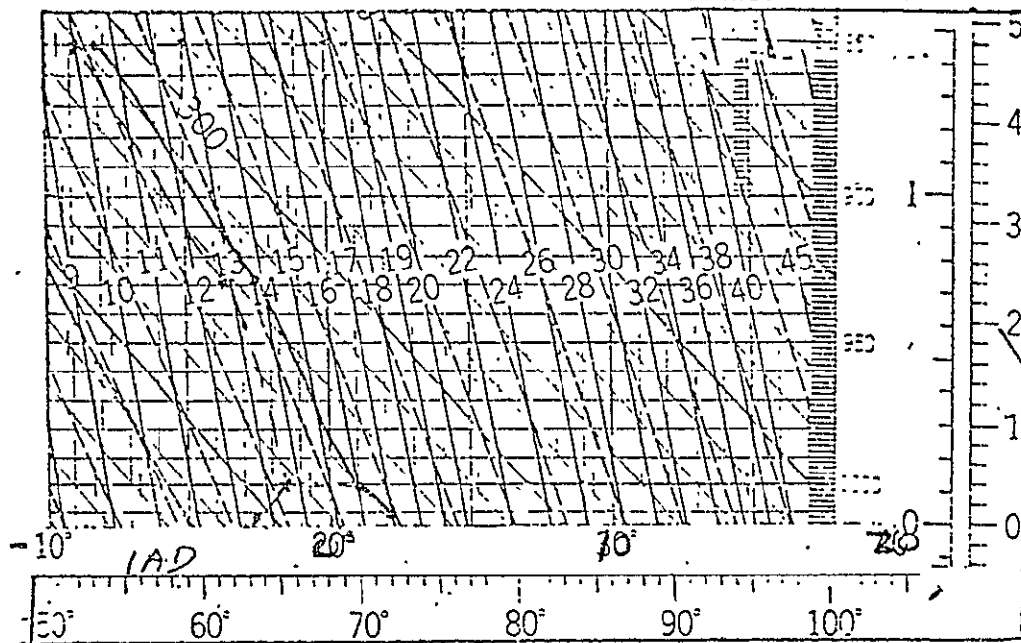
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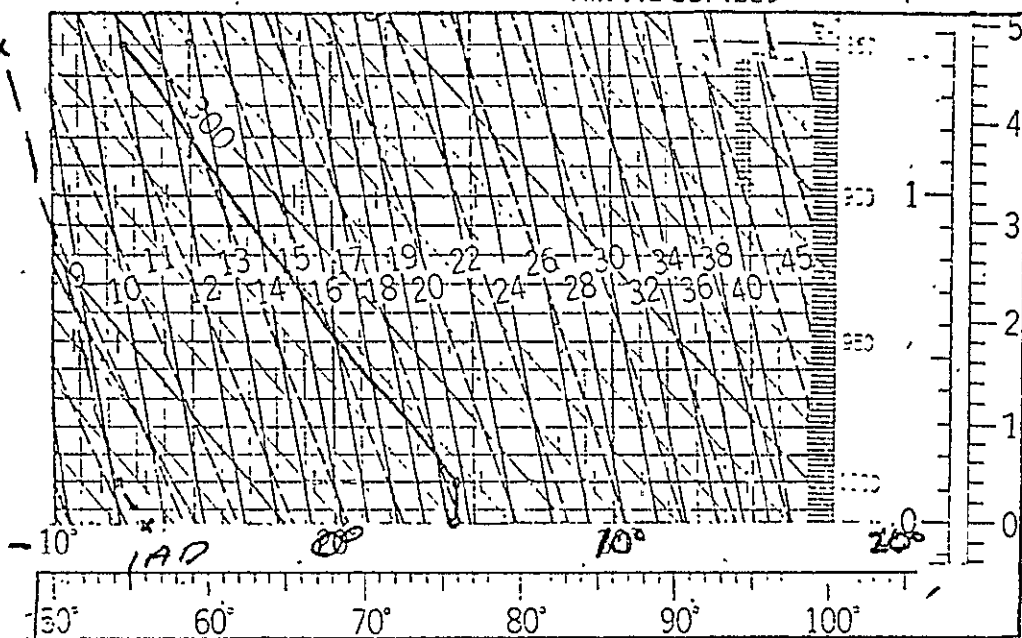
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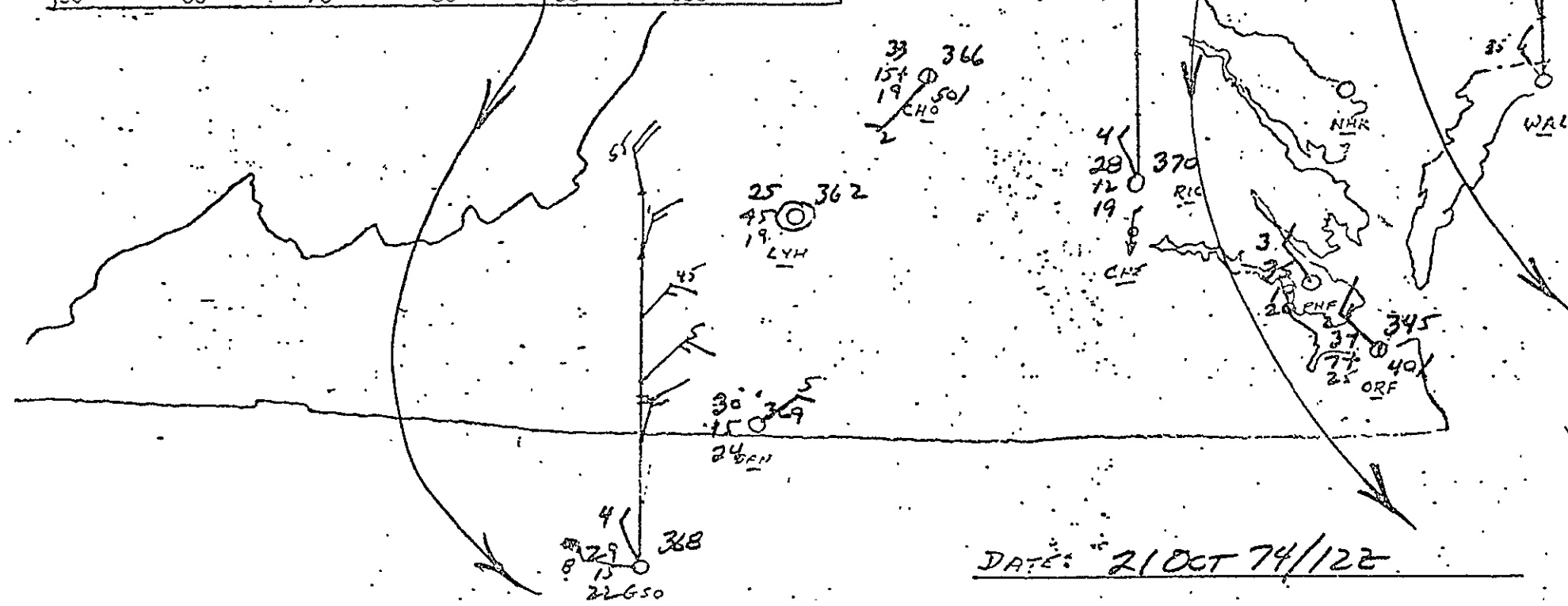
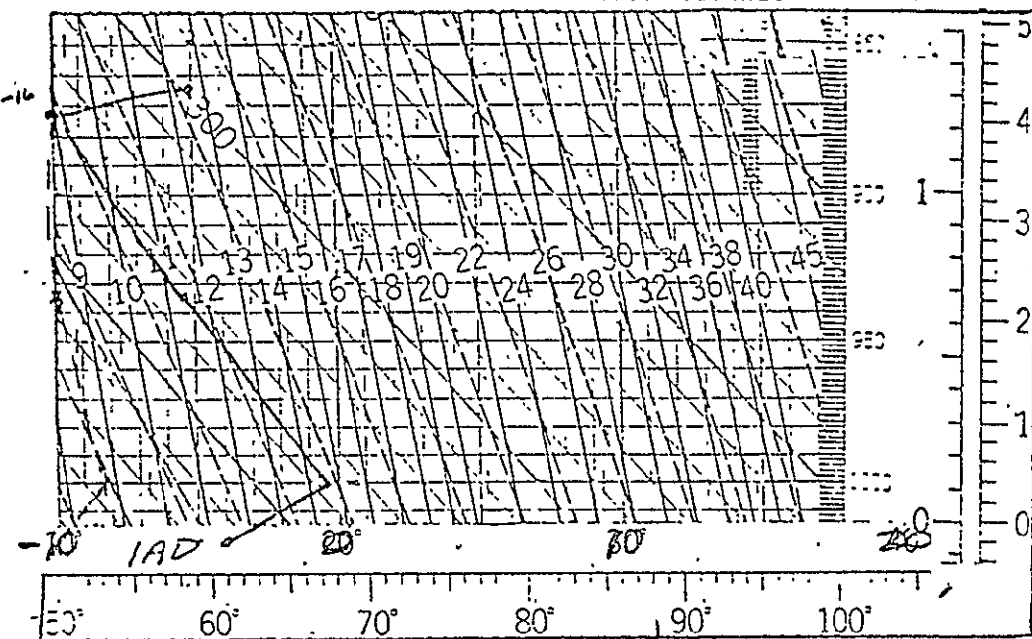
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